



# SolarWinds Certified Professional (SCP) Study Guide

Diagnostics and Troubleshooting

### How to Use This Study Guide

This study guide includes topics found on the SolarWinds Certified Professional® (SCP) Diagnostics and Troubleshooting exam. Use the available SolarWinds documentation to search and learn more about each category.

The intention of the topics in this study guide are to supplement your years of experience and hands-on training with SolarWinds products.

This study guide is **not** all-inclusive and should only be used as a starting place for your SCP studies.

If you have a SolarWinds product under active maintenance, you have access to virtual and on-demand training.

To access SolarWinds Academy classes:

1. Log on to your Customer Portal account at <https://customerportal.solarwinds.com>
2. Click Education & Training > Virtual Classrooms
3. Browse the available classes and select an option:
  - Click Register Now for a live class
  - Click the On-Demand link to access a recorded course video

The SolarWinds Academy adds available classes to the [Virtual Classroom calendar](#) every month.

Note – The SolarWinds Academy classes are additional study resources and are not explicitly designed for the SCP exam.

For additional study resources, visit the [THWACK® community](#).

## Exam Content Outline

- 1.1 Analyze the performance of the Orion® Platform system and components.  
(Questions related to these tasks make up 26% of the exam.)
  - 1.1.1 Recognize the primary components of the Orion Platform system.
  - 1.1.2 Evaluate the performance of the primary Orion Platform components.
  - 1.1.3 Identify key best practice optimizations for the primary Orion Platform components.
  - 1.1.4 Implement key best practice optimizations for the primary Orion Platform components.
  - 1.1.5 Resolve website optimization issues.
  - 1.1.6 Resolve database optimization issues.
  - 1.1.7 Resolve user account optimization issues.
  - 1.1.8 Determine the fundamental Orion Platform database management and optimization tasks.
- 1.2 Troubleshooting tools and features of the Orion Platform system.  
(Questions related to these tasks make up 14% of the exam.)
  - 1.2.1 Identify conditions where troubleshooting tools of the Orion Platform system are useful.
  - 1.2.2 Implement troubleshooting tools of the Orion Platform system.
  - 1.2.3 Locate and select troubleshooting logs from the behavior of the Orion Platform system.
  - 1.2.4 Obtain and interpret Diagnostics files.
- 1.3 Conditions in a “system down” event.  
(Questions related to these tasks make up 11% of the exam.)
  - 1.3.1 Recognize different system down events and identifying behavior.
  - 1.3.2 Troubleshoot the system down condition, based on type.
  - 1.3.3 Resolve system down conditions based on type.
  - 1.3.4 Troubleshoot system down events by recognizing identifying behaviors and taking the proper steps to resolution.
- 1.4 Primary Orion Platform components and troubleshooting issues.  
(Questions related to these tasks make up 26% of the exam.)
  - 1.4.1 Identify primary Orion Platform services and the function they perform.
  - 1.4.2 Troubleshoot issues encountered in primary Orion Platform components.
  - 1.4.3 Identify problems that cause polling issues.
  - 1.4.4 Identify problems with recommendation services.
  - 1.4.5 Identify problems with RabbitMQ and how to access it within SolarWinds.
  - 1.4.6 Identify causes of unusual database growth and determine the steps to resolve.
  - 1.4.7 Identify best practices to manage the Orion Platform database.
  - 1.4.8 Identify tools used to resolve Orion Platform database performance issues.
  - 1.4.9 Identify tools used to resolve database connection issues.
  - 1.4.10 Troubleshooting user accounts overview.
  - 1.4.11 Recognize the difference between MSMQ and SQLite.
- 1.5 Issues with primary Orion Platform features. (i.e., installs, discoveries, alerts, reports, Orion maps, PerfStack™)  
(Questions related to these tasks make up 24% of the exam.)
  - 1.5.1 Identify permissions and requirements to install and run discoveries.
  - 1.5.2 Identify logs to troubleshoot Orion Platform feature issues and where to find them.
  - 1.5.3 Troubleshoot network discovery issues.
  - 1.5.4 Analyze the differences between discovery and rediscovery.
  - 1.5.5 Determine the usage of Orion Platform upgrading tools.
  - 1.5.6 Determine the importance of database backup.
  - 1.5.7 Identify basic principles of optimizing alerts.
  - 1.5.8 Identify alert issues.
  - 1.5.9 Troubleshoot reporting issues.
  - 1.5.10 Identify Orion maps issues.
  - 1.5.11 Identify issues with worldwide maps.
  - 1.5.12 Identify issues with PerfStack.

## Exam Resources

| Task  | Admin Guide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | On-Demand Class                                                                                                                                                  | Virtual Class                                                                                                                                                    |
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| 1.1.1 | <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-how-orion-works-sw1625.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-how-orion-works-sw1625.htm</a><br><br><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-orion-platform_core_links.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-orion-platform_core_links.htm</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Deploying the Orion Platform ( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> ) | Deploying the Orion Platform ( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> ) |
| 1.1.4 | <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-intro_checklist.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-intro_checklist.htm</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Orion Platform Scalability ( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> )   | Orion Platform Scalability ( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> )   |
| 1.1.5 | <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-website.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-website.htm</a><br><br><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-customizing-views-sw1376.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-customizing-views-sw1376.htm</a><br><br><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-historical-data.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-historical-data.htm</a><br><br><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm</a> |                                                                                                                                                                  |                                                                                                                                                                  |

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| <p>1.1.7</p> | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-user-account-access-settings-sw2264.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-user-account-access-settings-sw2264.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-setting-account-limitations-sw2027.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-setting-account-limitations-sw2027.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-creating-an-account-limitation-sw1268.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-creating-an-account-limitation-sw1268.htm</a></p> |                                                                                                                                                                         |                                                                                                                                                                         |
| <p>1.1.8</p> | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-intro_checklist.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-intro_checklist.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-historical-data.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-historical-data.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-sql-server-configuration-best-practices-sw1430.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-sql-server-configuration-best-practices-sw1430.htm</a></p>         | <p>Orion Platform Scalability<br/>(<a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a>)</p> | <p>Orion Platform Scalability<br/>(<a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a>)</p> |
| <p>1.2.1</p> | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                         |                                                                                                                                                                         |

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[https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en\\_US](https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US)

[https://documentation.solarwinds.com/en/success\\_center/orionplatform/content/core-optimization-activediagnostics.htm](https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-activediagnostics.htm)

[https://support.solarwinds.com/SuccessCenter/s/article/Run-the-Orion-Configuration-wizard?language=en\\_US](https://support.solarwinds.com/SuccessCenter/s/article/Run-the-Orion-Configuration-wizard?language=en_US)

[https://documentation.solarwinds.com/en/success\\_center/orionplatform/content/core-optimization-historical-data.htm](https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-historical-data.htm)

[https://documentation.solarwinds.com/en/success\\_center/orionplatform/content/core-optimization-intro\\_checklist.htm](https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-intro_checklist.htm)

[https://support.solarwinds.com/SuccessCenter/s/article/Turn-on-and-use-Hubble?language=en\\_US](https://support.solarwinds.com/SuccessCenter/s/article/Turn-on-and-use-Hubble?language=en_US)

[https://documentation.solarwinds.com/en/success\\_center/orionplatform/content/core-choosing-your-polling-method-sw1223.htm](https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-choosing-your-polling-method-sw1223.htm)

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| <p>1.2.3</p> | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/NPM-How-to-gather-diagnostics?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/NPM-How-to-gather-diagnostics?language=en_US</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-diagnostics-on-web.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-diagnostics-on-web.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/lm/la-orion-log-viewer.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/lm/la-orion-log-viewer.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/la/content/lm/lm-filter-analyze-event-logs.htm">https://documentation.solarwinds.com/en/success_center/la/content/lm/lm-filter-analyze-event-logs.htm</a></p> |  |  |
| <p>1.2.4</p> | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/NPM-How-to-gather-diagnostics?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/NPM-How-to-gather-diagnostics?language=en_US</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-diagnostics-on-web.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-diagnostics-on-web.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-diagnostics-on-web.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-diagnostics-on-web.htm</a></p>                                                                                                                                                                                                                                |  |  |
| <p>1.3.1</p> | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| <p>1.3.2</p> | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |

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| 1.3.3 | <a href="https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                |                                                                                                                                                                |
| 1.3.4 | <a href="https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                |                                                                                                                                                                |
| 1.4.1 | <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-how-orion-works-sw1625.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-how-orion-works-sw1625.htm</a><br><br><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-orion-platform_core_links.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-orion-platform_core_links.htm</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Orion Platform Scalability ( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> ) | Orion Platform Scalability ( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> ) |
| 1.4.2 | <a href="https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Basic-SolarWinds-Orion-Troubleshooting-Guide?language=en_US</a><br><br><a href="https://support.solarwinds.com/SuccessCenter/s/article/Run-the-Orion-Configuration-wizard?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Run-the-Orion-Configuration-wizard?language=en_US</a><br><br><a href="https://support.solarwinds.com/SuccessCenter/s/article/Run-a-repair-on-SolarWinds-Orion-Core-Services?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Run-a-repair-on-SolarWinds-Orion-Core-Services?language=en_US</a><br><br><a href="https://support.solarwinds.com/SuccessCenter/s/article/Shutdown-and-restart-Orion-services?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Shutdown-and-restart-Orion-services?language=en_US</a> |                                                                                                                                                                |                                                                                                                                                                |



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|       | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| 1.4.3 | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Polling?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Polling?language=en_US</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/sam/content/sam-asset-inventory-troubleshooting.htm">https://documentation.solarwinds.com/en/success_center/sam/content/sam-asset-inventory-troubleshooting.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/sam/content/sam-application-monitor-polling-recommendations.htm">https://documentation.solarwinds.com/en/success_center/sam/content/sam-application-monitor-polling-recommendations.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-npm-ucs-troubleshoot.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-npm-ucs-troubleshoot.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-polling-engines.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-polling-engines.htm</a></p> |  |  |
| 1.4.4 | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Polling?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Polling?language=en_US</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| 1.4.5 | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Rabbit-MQ?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Rabbit-MQ?language=en_US</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |

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| <p>1.4.6</p> | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-historical-data.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-historical-data.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-sql-server-configuration-best-practices-sw1430.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-sql-server-configuration-best-practices-sw1430.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-sql-server-configuration-best-practices-sw1430.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-sql-server-configuration-best-practices-sw1430.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-database-settings-sw1817.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-database-settings-sw1817.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-cloud-edit-retention-settings.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-cloud-edit-retention-settings.htm</a></p> |  |  |
| <p>1.4.7</p> | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Best-practices-for-managing-your-Orion-database?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Best-practices-for-managing-your-Orion-database?language=en_US</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-running-database-maintenance-sw1925.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-running-database-maintenance-sw1925.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |

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|       | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-system-maintenance.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-optimization-system-maintenance.htm</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| 1.4.8 | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-sql-server-configuration-best-practices-sw1430.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-sql-server-configuration-best-practices-sw1430.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/dpa/content/dpa-investigate-performance-issues.htm">https://documentation.solarwinds.com/en/success_center/dpa/content/dpa-investigate-performance-issues.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/sam/content/sam-appinsight-for-sql-sw1261.htm">https://documentation.solarwinds.com/en/success_center/sam/content/sam-appinsight-for-sql-sw1261.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm</a></p> |  |  |
| 1.4.9 | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-for-managing-your-orion-database-sw1181.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-using-database-manager-sw2276.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-using-database-manager-sw2276.htm</a></p> <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Using-Solarwinds-Database-Response-Tool?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Using-Solarwinds-Database-Response-Tool?language=en_US</a></p>                                                                                                                                                                                                                                                          |  |  |

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| 1.4.10 | <a href="https://support.solarwinds.com/SuccessCenter/s/article/Active-Directory-user-Login-failure-User-name-and-or-password-incorrect?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Active-Directory-user-Login-failure-User-name-and-or-password-incorrect?language=en_US</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                       |                                                                                                                                                                       |
| 1.5.1  | <p> <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-troubleshooting.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-troubleshooting.htm</a> </p> <p> <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-troubleshooting-sw3536.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-troubleshooting-sw3536.htm</a> </p> <p> <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-container-troubleshoot.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-container-troubleshoot.htm</a> </p> <p> <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-cloud-monitoring-views-and-troubleshooting.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-cloud-monitoring-views-and-troubleshooting.htm</a> </p> <p> <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-perfstack-troubleshooting.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-perfstack-troubleshooting.htm</a> </p> <p> <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-troubleshoot-hardware-health.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-troubleshoot-hardware-health.htm</a> </p> <p> <a href="https://support.solarwinds.com/SuccessCenter/s/article/How-to-get-to-Network-Discovery-and-Manage-Nodes-if-you-are-not-an-Administrator?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/How-to-get-to-Network-Discovery-and-Manage-Nodes-if-you-are-not-an-Administrator?language=en_US</a> </p> | <p>Deploying the Orion Platform (<a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a>)</p> | <p>Deploying the Orion Platform (<a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a>)</p> |

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| 1.5.2 | <a href="https://support.solarwinds.com/SuccessCenter/s/article/Five-Logs-to-Check-when-Troubleshooting-Orion?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Five-Logs-to-Check-when-Troubleshooting-Orion?language=en_US</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Orion Platform Scalability<br>( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> )   | Orion Platform Scalability<br>( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> )   |
| 1.5.3 | <a href="https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Network-Discovery?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Network-Discovery?language=en_US</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                     |                                                                                                                                                                     |
| 1.5.4 | <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-unscheduled-device-polling-and-rediscovery-sw2246.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-unscheduled-device-polling-and-rediscovery-sw2246.htm</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Deploying the Orion Platform<br>( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> ) | Deploying the Orion Platform<br>( <a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a> ) |
| 1.5.5 | <a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-centralized-upgrade-primary-server.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-centralized-upgrade-primary-server.htm</a><br><br><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-aboutorioninstaller.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-aboutorioninstaller.htm</a><br><br><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-centralized-upgrade-primary-server.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-centralized-upgrade-primary-server.htm</a><br><br><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-deployment-upgrade-options.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/install-deployment-upgrade-options.htm</a> |                                                                                                                                                                     |                                                                                                                                                                     |
| 1.5.6 | <a href="https://support.solarwinds.com/SuccessCenter/s/article/Backup-Restore-SQL-database?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Backup-Restore-SQL-database?language=en_US</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                     |                                                                                                                                                                     |

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| <p>1.5.7</p>  | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-and-tips-for-alerting-sw968.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-best-practices-and-tips-for-alerting-sw968.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/onboarding/core-ob_parent_reduce_alert_notify.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/onboarding/core-ob_parent_reduce_alert_notify.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-creating-and-managing-alerts-sw1277.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-creating-and-managing-alerts-sw1277.htm</a></p> | <p>Configuring Alerts and Reports<br/>(<a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a>)</p> | <p>Configuring Alerts and Reports<br/>(<a href="https://customerportal.solarwinds.com/VirtualClassrooms/">https://customerportal.solarwinds.com/VirtualClassrooms/</a>)</p> |
| <p>1.5.8</p>  | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Alerts?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Alerts?language=en_US</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-troubleshoot-muted-alerts.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-troubleshoot-muted-alerts.htm</a></p>                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                             |                                                                                                                                                                             |
| <p>1.5.9</p>  | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Report?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Report?language=en_US</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                             |                                                                                                                                                                             |
| <p>1.5.10</p> | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Maps?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Orion-Platform-Troubleshooting-Maps?language=en_US</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-troubleshooting-sw3536.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-troubleshooting-sw3536.htm</a></p>                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                             |                                                                                                                                                                             |

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| 1.5.11 | <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/Worldwide-Map-of-Orion-nodes-resource-does-not-display-in-the-Orion-Web-Console?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/Worldwide-Map-of-Orion-nodes-resource-does-not-display-in-the-Orion-Web-Console?language=en_US</a></p> <p><a href="https://support.solarwinds.com/SuccessCenter/s/article/WorldWide-Map-Auto-Placement-fails-if-the-Latitude-or-Longitude-ends-in-0?language=en_US">https://support.solarwinds.com/SuccessCenter/s/article/WorldWide-Map-Auto-Placement-fails-if-the-Latitude-or-Longitude-ends-in-0?language=en_US</a></p>                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| 1.5.12 | <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-perfstack-troubleshooting.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-perfstack-troubleshooting.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-create-performance-analysis-charts.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-create-performance-analysis-charts.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-perfstack-troubleshooting.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-perfstack-troubleshooting.htm</a></p> <p><a href="https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-perfstack-troubleshooting.htm">https://documentation.solarwinds.com/en/success_center/orionplatform/content/core-perfstack-troubleshooting.htm</a></p> |  |  |