

Smart Start Self-Led Project Plan for Storage Resource Monitor

INSTALLATION

☐ Confirming installation for SRM

The first step in the engagement will be to make sure SRM is installed.

- ☐ Install Orion® Platform products in a new environment:

[Documentation](#)

SRM NODE/ARRAY MANAGEMENT

☐ Getting started with SRM and adding storage arrays

Learn the fundamental of SRM by going over the process for adding and configuring storage arrays.

- ☐ Add your storage array for monitoring with SRM:

[Documentation](#)

☐ Demonstrate and assist in adding storage arrays

Continue SRM training by working through adding all storage arrays to be monitored.

- ☐ Add additional arrays:

[Documentation](#)

- ☐ Supported arrays (A - H):

[Documentation](#)

- ☐ Supported arrays (I - Z):

[Documentation](#)

☐ Review how to manage storage objects

Further review of how to manage your storage arrays in the SRM web console.

- ☐ Explore your SRM environment:

[Documentation](#)

☐ **SRM licensing**

Discuss how SRM handles licenses for storage arrays and best practices.

☐ Licensing Storage Resource Monitor (SRM):

[Documentation](#)

☐ Customizing storage object properties and polling frequencies:

Learn how to customize and edit storage object properties. Then review and discuss polling frequencies for devices and how to edit them.

☐ Edit storage object properties in SRM:

[Documentation](#)

☐ Edit array polling frequencies:

[Documentation](#)

NAVIGATING SRM

☐ Review SRM summary view:

Learn about SRM summary views.

☐ Log in to the Orion Web Console:

[Documentation](#)

☐ Views and widgets in SRM:

[Documentation](#)

☐ **Review SRM details pages and SRM widgets**

Please review the different SRM details pages including views for NAS, storage polls, and LUNs. You should also review the basics of SRM widget resources.

☐ Views and widgets in SRM:

[Documentation](#)

☐ SRM widgets:

[Documentation](#)

☐ **Storage controller monitoring**

Learn about monitoring storage controllers in SRM and working with storage controller thresholds.

- ☐ Storage controller monitoring:

[Documentation](#)

☐ **SRM hardware health**

Review hardware health monitoring for any of the following: Dell EMC VMAX, Clariion, Celerra, VNX Gateway, or IBM SVC/ v7000/V3700.

- ☐ Monitor hardware health for SRM:

[Documentation](#)

- ☐ Enable hardware health monitoring for SRM:

[Documentaion](#)

TROUBLESHOOTING WITH SRM/SRM ALERTS

☐ **Manage thresholds for SRM**

In this section, we'll review how to manage the different storage thresholds used by SRM. We'll cover the difference between static and dynamic thresholds and configuring specific thresholds for objects.

- ☐ Manage thresholds for SRM:

[Documentation](#)

- ☐ Set SRM thresholds:

[Documentation](#)

- ☐ Set SRM thresholds for specific storage objects:

[Documentation](#)

- ☐ Managing and using SRM alerts:

Learn about out-of-the-box alerts available for SRM and how to use the Orion Alert Manager to review and customize SRM alerts.

- ☐ Manage thresholds for SRM:

[Documentation](#)

☐ **Troubleshoot an unreachable array**

Learn basic troubleshooting for issues where an array is unreachable.

- ☐ Troubleshoot an unreachable array:

[Documentation](#)

REPORTS/SRM SOLUTIONS

☐ **SRM reports**

Review SRM reports and how to use the report write to create custom reports. We'll learn how to generate reports for storage arrays, NAS, storage polls, and LUNs.

- ☐ Run reports in SRM:

[Documentation](#)

☐ **SRM capacity planning**

Review capacity planning in SRM. This includes multi-vendor capacity planning, reviewing the capacity dashboard, and generating capacity reports.

- ☐ What is multi-vendor capacity planning?:

[Documentation](#)

- ☐ What is the capacity dashboard?:

[Documentation](#)

- ☐ Generate capacity reports:

[Documentation](#)

☐ **Review how SRM works with PerfStack™**

Learn about using PerfStack to create data project presenting multiple devices and data points.

- ☐ Use PerfStack with SRM:

[Documentation](#)

☐ **Review how SRM works with AppStack™**

Learn how SRM works with AppStack and connects to other objects being monitored in the Orion Platform.

- ☐ Investigate a performance issue using AppStack:

[Documentation](#)

☐ **Legacy software: SRM profiler**

Discuss this legacy feature and how SRM works with SRM profiler.

☐ Use SRM with SRM profiler:

[Documentation](#)

☐ **Mapping storage devices in SRM**

Learn about SRM storage mapping and how to configure automated and manual mapping for storage objects. This is for Windows devices only.