Self-Led Onboarding Project Plan for Network Performance Monitor

INSTALLATION

- Install Orion® Platform products in new environment
  
  Documentation

DISCOVERY/NODE MANAGEMENT

- Discovery
  
  In this section, we learn what a discovery is and how it can help us by bringing devices into the Orion environment. We'll go over a basic discovery and see how nodes are added in and how to schedule discoveries for the future.
  
  Documentation

- Node Management

  Now that we know how a discovery works, we'll learn how to manage our nodes. We'll go over how to add/remove nodes, interfaces, and volumes, and best practices.

  - Add a single node for monitoring to the Orion Platform:
    
    Documentation

  - Delete interfaces in NPM:
    
    Documentation

- Groups and Custom Properties

  There are a couple options when wanting to group nodes. In this session, we'll learn about Groups and Custom Properties along with Node Management.

  - Create Groups:
    
    Documentation

  - Custom Properties:
    
    Documentation
Dependencies

There are instances where dependencies are necessary to avoid additional emails, such as when a parent object goes down. In this session, we'll discuss dependencies and how to use them in your environment.

Create a Dependency:
  Documentation

USER ACCOUNTS

User Accounts

In this session, we'll learn how to create new users, how to edit existing accounts, and about the available permissions, so you can control exactly what a user can and cannot do in the Orion Platform.

Create Users in the Orion Platform:
  Documentation

Managing Orion Web Users:
  Documentation

Modifying Access for Accounts:
  Documentation

ALERTS

Existing Alerts

Various alerts come predefined and enabled during installation. This session focuses on the existing alerts and what our options are with them.

Alerts:
  Documentation

Managing Existing Alerts:
  Documentation

Modify Alerts

In this session, we'll learn how to modify existing alerts, both out-of-the-box and user-defined alerts.

Modify multiple alerts or share alerts in the Orion Platform:
  Documentation
New Alert
In this session, we’ll learn how to create a few basic alerts commonly used in the Orion Platform.

How Alerts Work in NPM:

Documentation

Adding a New Alert:

Documentation

REPORTS
Existing Reports
In this session, we’ll cover some of our most common reports and how to modify existing reports.

Add an interface on an existing interface traffic report

Documentation

Web Based Reports
In this session we will learn how to create a few commonly used reports within the Orion Platform. Once our report is created, we also learn how to send the report on a schedule.

Create a web-based report in the Orion Platform:

Documentation

Modify an existing web-based report for the Orion Platform:

Documentation

MAPS
Network Atlas
Network Atlas is one of our three main mapmaking tools. In this session, we’ll cover how to create a new network map and plot some nodes and interfaces to show metrics like network utilization or link speed.

Network Atlas for the Orion Platform:

Documentation
Orion Map

This is our second map making tool in the Orion Platform. We'll learn how to do the same things we did with Network Atlas here in the Orion Map Editor.

Orion Maps for Orion Platform products:
  Documentation

Create and edit Orion Maps:
  Documentation

Worldwide Map

The Worldwide map is our third map tool. We'll cover how to get your devices to show up on the map using only latitude and longitude.

Add the worldwide map in the Orion Web Console:
  Documentation

Display the Worldwide Map of Orion nodes in the Orion Platform:
  Documentation

CUSTOM VIEWS

New View

Learning how to create a new view is critical to everyone's environment. Here we'll learn how to create a new view and add additional tabs. We'll also cover how to modify the dashboard and links within.

Edit a view in NPM:
  Documentation

NOC View

The NOC view is critical in environments where a view is required to change through a few different tabs using a timer. Here we take what we learned from the new view and turn it into a NOC view.

Create a NOC view in NPM:
  Documentation
Edit Existing

In this session, we'll learn how to edit existing views by adding and removing widgets/resources from the existing views to add information.

Edit a view in NPM:

Documentation

Dashboards

Each user will have the ability to choose which dashboards they use, which provide links to various views. In this session, we learn how to identify which dashboards are being used and how to edit them.

Customizing Dashboards:

Documentation

CUSTOM METRICS

Performance Analysis

Performance Analysis is a great tool for displaying metrics in real time. In this session, we'll learn how to display multiple metrics both historical and in real time. Once we know how to create these projects, we can then display them on a summary view.

Performance Analysis Overview:

Documentation

Use Performance Analysis to investigate a performance issue:

Documentation

NetPath Services

NetPath™ is a tool that allows us to see a historical representation of packet loss and latency of your network. In this session, we'll learn how to create and manage existing probes.

Create a NetPath service in NPM:

Documentation

NetPath requirements for NPM:

Documentation
Universal Device Pollers

There are times when you need to get statistics from a device the Orion Platform doesn’t poll by default. In this session, we’ll learn how to perform SNMP walks and create Universal Device Pollers.

Universal Device Pollers:
- Documentation

SNMP Walk:
- Documentation

TROUBLESHOOTING

Collect Logs

Collecting logs is critical especially if the need arises to create a support ticket. In this session we will cover how to collect the logs from the Orion Server as well as the Web.

Five Logs to Check when Troubleshooting Orion:
- Documentation

Logs and Log Adjuster

Aside from collecting the entire diagnostics like we saw in the last session, there might be a situation where we need to find a specific log. In this session we cover some of our main logs used in Orion as well as how to adjust them using the Log Adjuster.

Adjust logging levels with the SolarWinds Log Adjuster:
- Documentation

My Orion Health Deployment

This tool allows us to see potential issues ranging anywhere from the database to the website. In this session we learn how to interpret the messages and what our options are.

Troubleshoot Orion Deployment Issues with Active Diagnostics:
- Documentation
Technical Support Tickets

Sometimes the need may arise to create a support ticket. In this session we will learn where to go and how to create a support ticket just in case it’s needed in the future.

Customer Success Resources:

Documentation