

# Virtualization Manager

## RC Instructions



Thank you for participating in the Release Candidate (RC) program for **Virtualization Manager 6.1 (VMAN 6.1)**, which includes integration with SAM and NPM. To try out the RC fully, you will need to download and install three components (links to each of these downloads can be found below):

- RC of the VMan Appliance
- RC of the Orion Integration Module for VMan (aka IVIM or VIM)
- Shipping version of SAM or NPM

Note that Release Candidates are fully tested and supported releases of the product and are suitable to be run in production. If you have any issues, you can [file a ticket with Support](#) just like you would for a Generally Available (GA) product. The Product Team will also be closely watching for your feedback, positive or negative, or questions on the [Thwack RC Forum for Virtualization Manager](#).

Below is a high level summary for installing the above components, but we recommend you also review the full install instructions for each product linked below.

## Download Virtualization Manager (VMAN) and VIM

The Virtualization Manager download includes an updated VIM module which provides virtualization support in NPM and SAM as well as VMAN integration with SAM and NPM. Download and install these three components from your [Customer Portal](#):

- The VMAN Appliance – There are two versions of the appliance depending on the environment you are DEPLOYING to, Hyper-V or VMware. Note that either version can MONITOR both VMware and Hyper-V.
- The Orion Integration Module for VMAN (IVIM)
  - Bundled as a separate installer in the VMAN Appliance download above. This is also available as a separate download, but you can use the version included in the main bundle.
- Current shipping version of [SAM](#) (6.1 or higher) or [NPM](#) (10.7 or higher)

## Step 1: Deploy the Virtualization Manager Appliance

Virtualization Manager is a virtual appliance that runs on VMware or Hyper-V hypervisors. Your zip file should have the appropriate appliance for your environment. Requirements:

- VMware Appliance: vSphere/vCenter 4.x or higher  
**OR**
- Hyper-V Appliance: Windows Hyper-V 2008 R2, 2012, or 2012 R2
- 200GB of storage (unless you thin-provision)
- A static IP address (recommended)

# Virtualization Manager

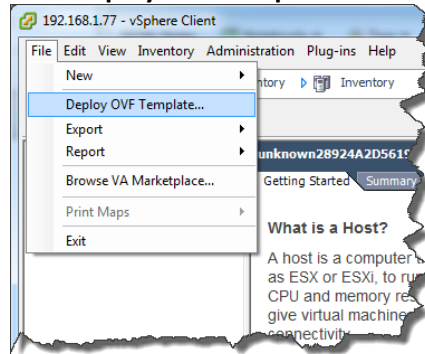
## RC Instructions



To deploy the Virtual Appliance, follow the instructions for your environment:

- vSphere/vCenter

- Run the VMware client
- Click **Deploy OVF Template**



- Choose the OVF or OVA file
- Choose thin or thick provisioned (we recommend thick)
- Choose **Fixed** for the IP address and enter the IP address
- Click **Finish** and start the VMAN appliance
- Click on the **Console** tab and enter the requested network info (IP, hostname, gateway, DNS servers)
- Once configuration is complete, open a browser on your computer and go to [http://\[IPAddress\]](http://[IPAddress]) where [IPAddress] is the one used for the VMAN server.

- Hyper-V

- Launch the Hyper-V Manager and connect to the Hyper-V server where you want to deploy VMAN.
- In the **Action** menu, click **Import Virtual Machine** and choose the VMAN file.
- Select **Copy the Virtual Machine** and click **Import**
- Once imported, right click the new VM, select **Settings > Legacy Network Adapter** and configure the network settings.
- Start the VM, right click it, click **Connect** and select **Set Timezone** and make sure the VM is in the same timezone as the Hyper-V host.
- Select **Configure Network** and enter the requested network info (IP, hostname, gateway, DNS servers)
- Once configuration is complete, open a browser on your computer and go to [http://\[IPAddress\]](http://[IPAddress]) where [IPAddress] is the one used for the VMAN server.

## Step 2: Add VMware and Hyper-V infrastructure to VMAN Appliance

Once you login, you will start on the Configuration Wizard screen (Setup > Configuration Wizard). The configuration wizard will ask for the following:

# Virtualization Manager

## RC Instructions



- **Credentials:** Use a user that has admin access to VMware or Windows Domain Administrator access to Hyper-V
- **Data Sources:** The IP addresses of your vCenter, standalone ESX host or Hyper-V hosts.
- **Collection Schedules:** Turn on the collection schedules for all the Data Sources you added.
- **SMTP Configuration:** Enter the email server information if you want to receive alerts.
- **Storage Manager:** If you own SolarWinds Storage Manager (STM), enter the IP address and credentials of the STM server.
- Click Finish.

VMAN will start discovery of the virtual environment and then start collecting data. You can watch the discovery and collection progress on the **Configuration Summary** screen under **Setup**. Wait about 10-15 minutes for data to appear.

For more details, see the [Virtualization Manager Guide](#) installation starting on page 19.

### Step 3: Install SAM or NPM (If you do not have it installed already)

Before installing SAM or NPM, you will need a server with these requirements:

- Windows 2003/2008 R2/2012/2012 R2 Server
- IIS 6.1 in 32-bit mode
- .Net 3.5, 4.0 recommended
- SQL 2005 SP1, 2008, 2012

Copy the NPM or SAM executable to the server with the above prerequisites and execute the installer. If prompted to install additional components, click **Install**. For each prompt, accept the default and click **Next**. At the end of the install, the browser should open to the login screen - type admin for the user name and click **Login**.

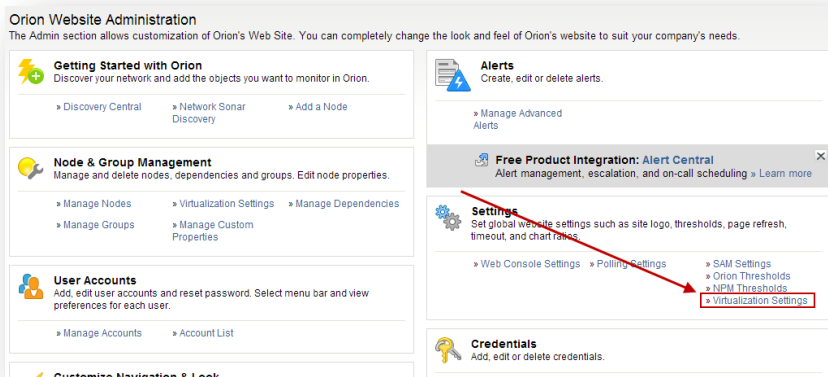
### Step 4: Install the Orion Integration for VMAN (VIM)

Install the integration module on your test SAM or NPM server by executing the installer and accepting the defaults.

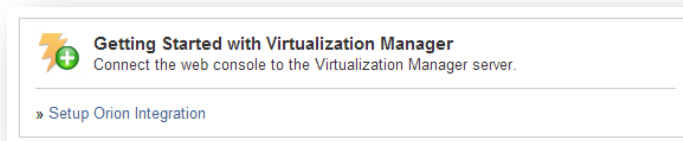
### Step 5: Turn on the Integration Module inside of SAM or NPM

Login to SAM or NPM. Go to Settings > Settings Section > Virtualization Settings

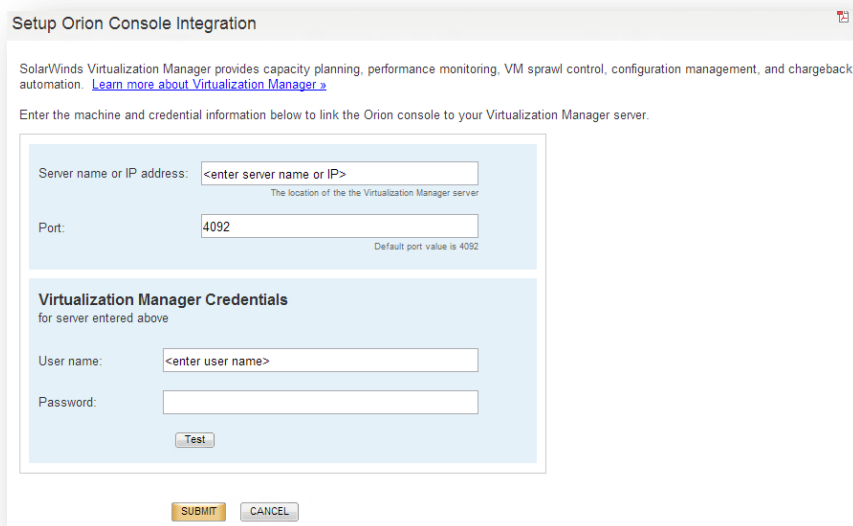
# Virtualization Manager RC Instructions



Click on Setup Orion Integration.



Enter the IP address and admin credentials to Virtualization Manager. If it doesn't succeed at first, you might need to enter an IP address instead of server name.



## Virtualization Manager RC Instructions



Note: When you first click on an embedded VMAN Flex (Flash) view, you may see an error message that Orion can't connect to VMAN. This is generally because your browser needs to accept the SSL certificate from the VMAN server. The error should include a link to VMAN, click it (it opens a new browser window or tab) and accept the SSL certificate. Go back to the Orion View and click the link again, it should work.