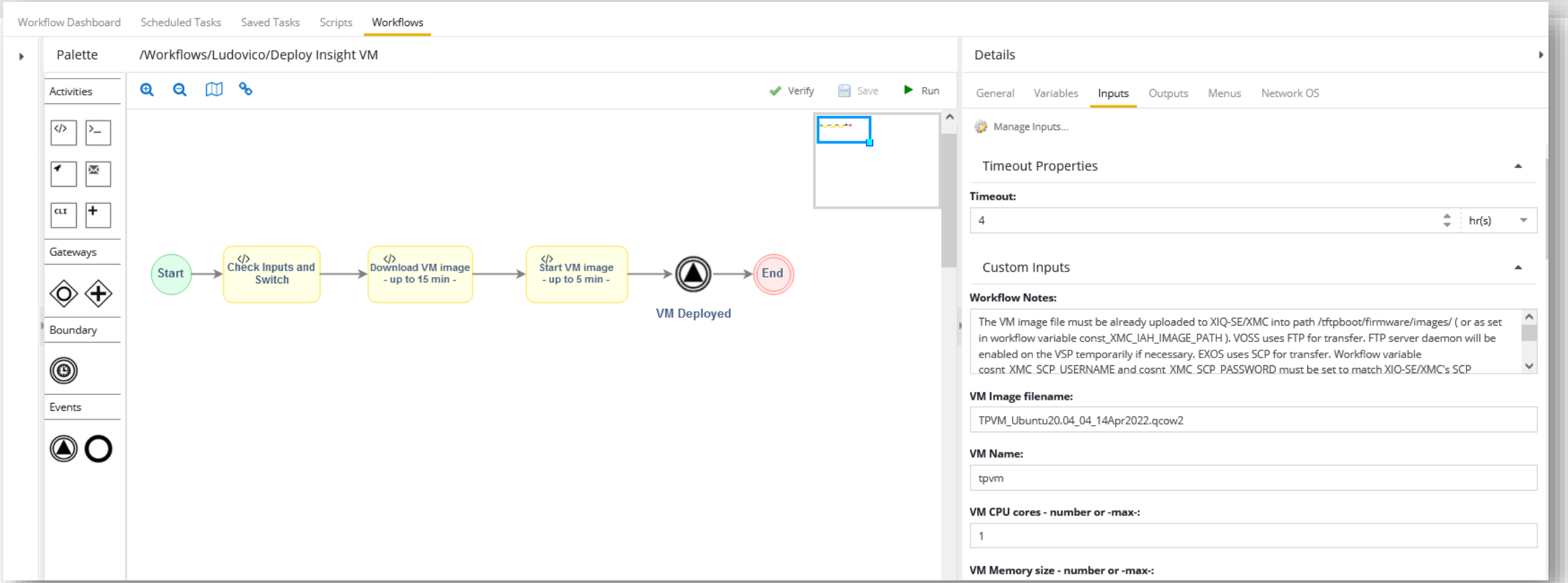
EXTREME NETWORKS

XIQ-SE workflow: Deploy Insight VMs

Ludovico Stevens, April 2022

ADVANCE WITH US

The workflow

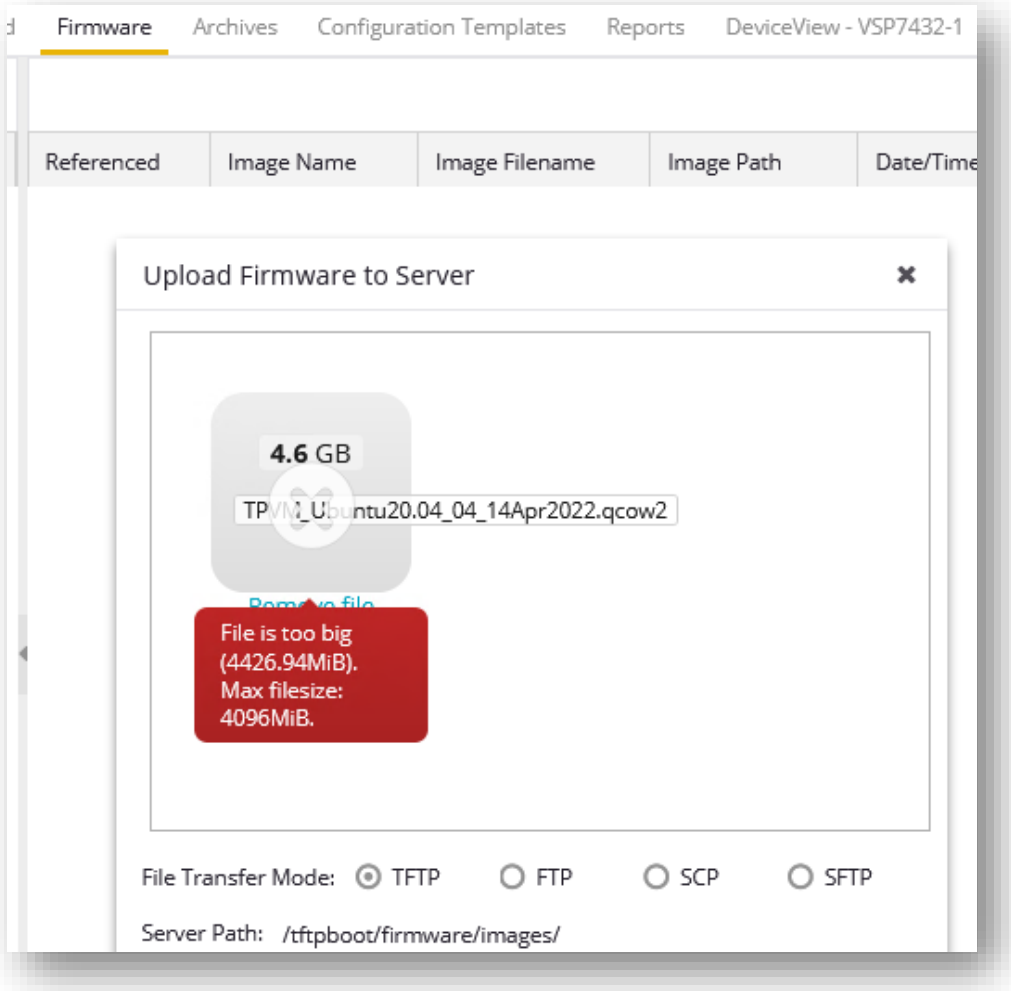


Workflow allows deploying an IAH VM to a VOSS/EXOS capable switch or EXOS capable Stack

VM Image is stored on XIQ-SE. Workflow takes care of transferring the image to the switch, then installing, configuring and starting the VM

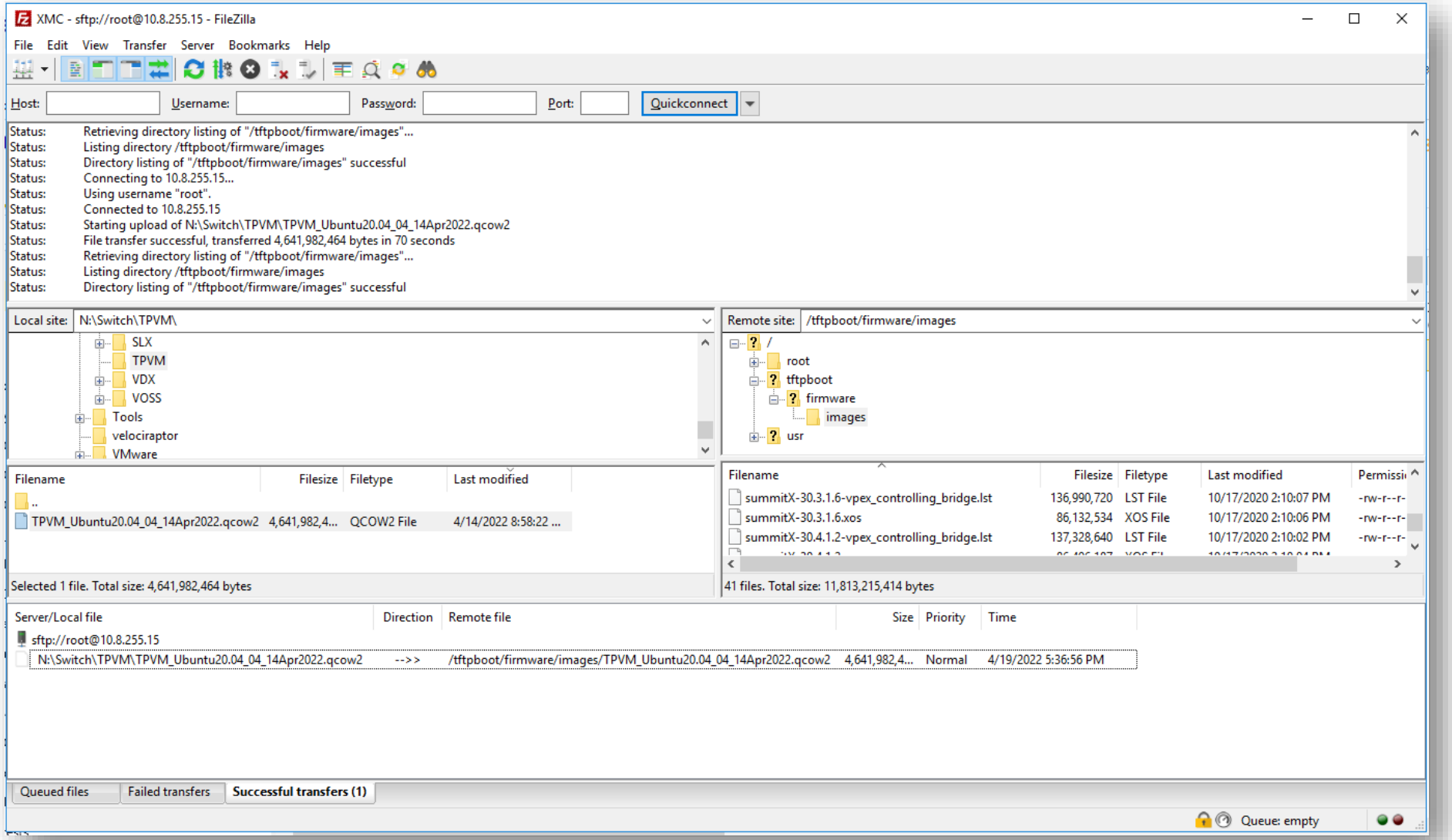
Uploading the VM image to XIQ-SE

- **Transfer the VM image directly to XIQ-SE path:**
- /tftpboot/firmware/images/
- **But the VM images will typically be larger than 4096MB which is the limit for the Web upload**

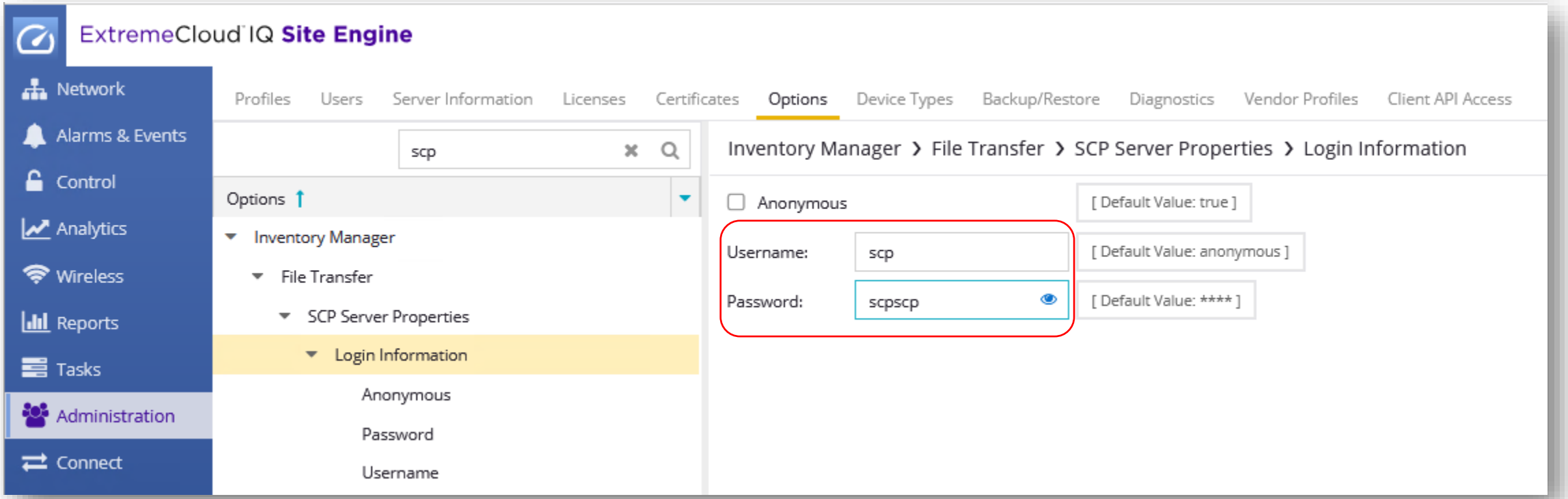


Uploading the VM image to XIQ-SE

- **Transfer the VM image directly to XIQ-SE path:**
- /tftpboot/firmware/images/
- **So SFTP the image files directly onto XIQ-SE**

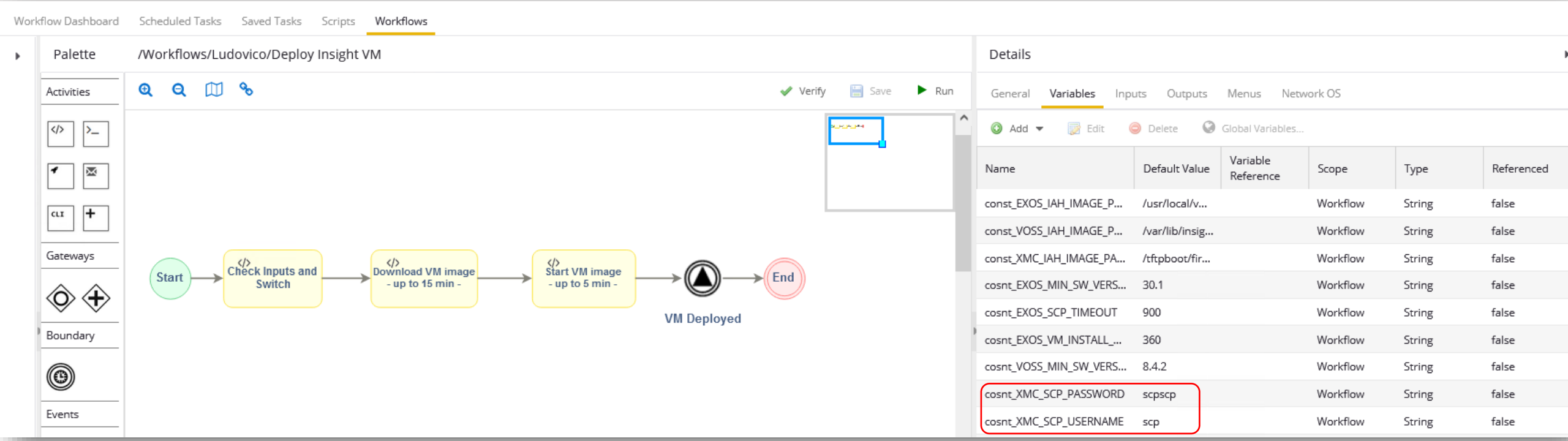


Setting up, for SCP file transfers



- **Under XIQ-SE Administration / Options / Inventory Manager / File Transfer / SCP**
- Make sure SCP credentials are set (disable anonymous)
- Record the credentials, as these need setting in the workflow

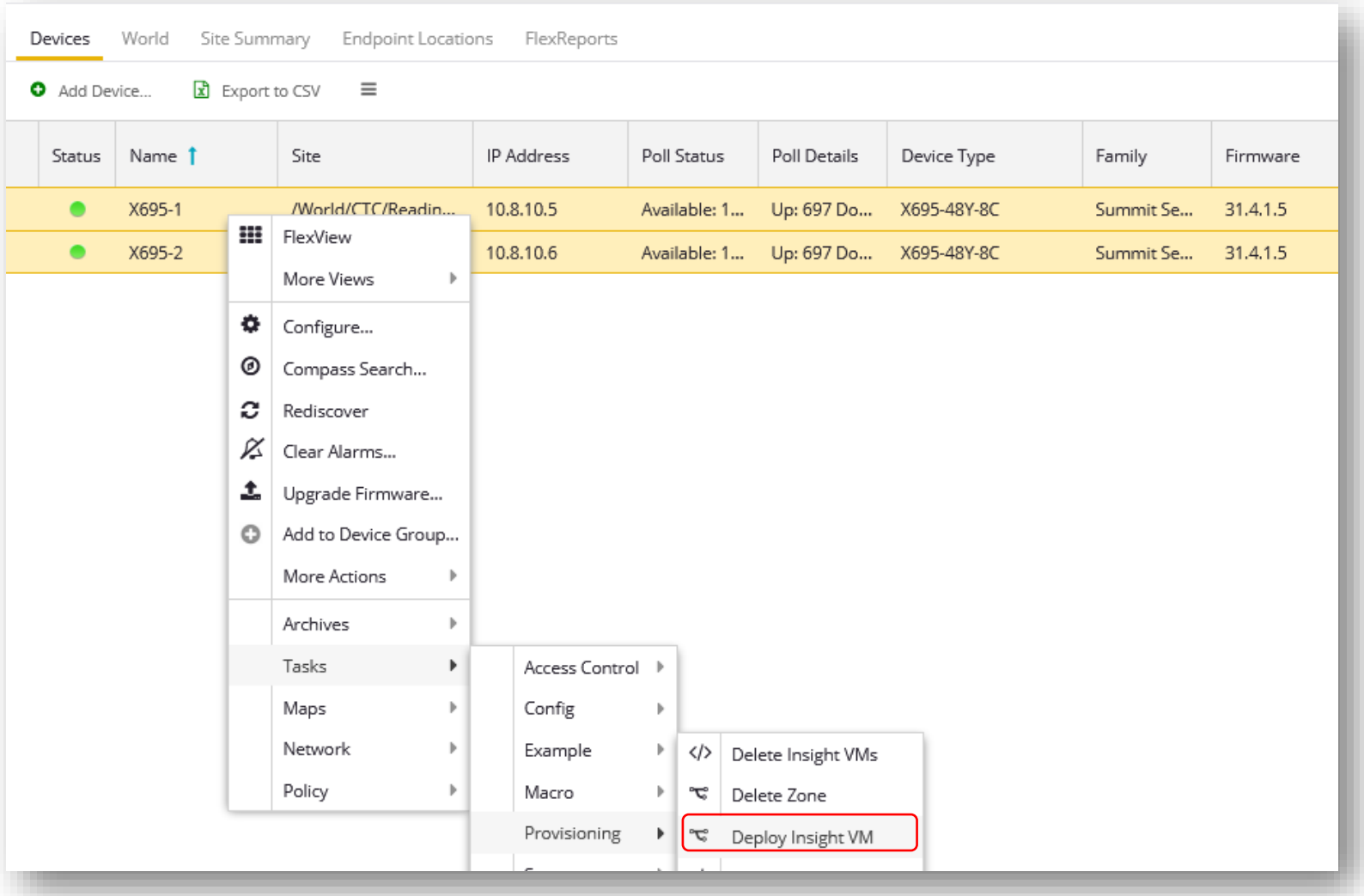
Setting up, for SCP file transfers



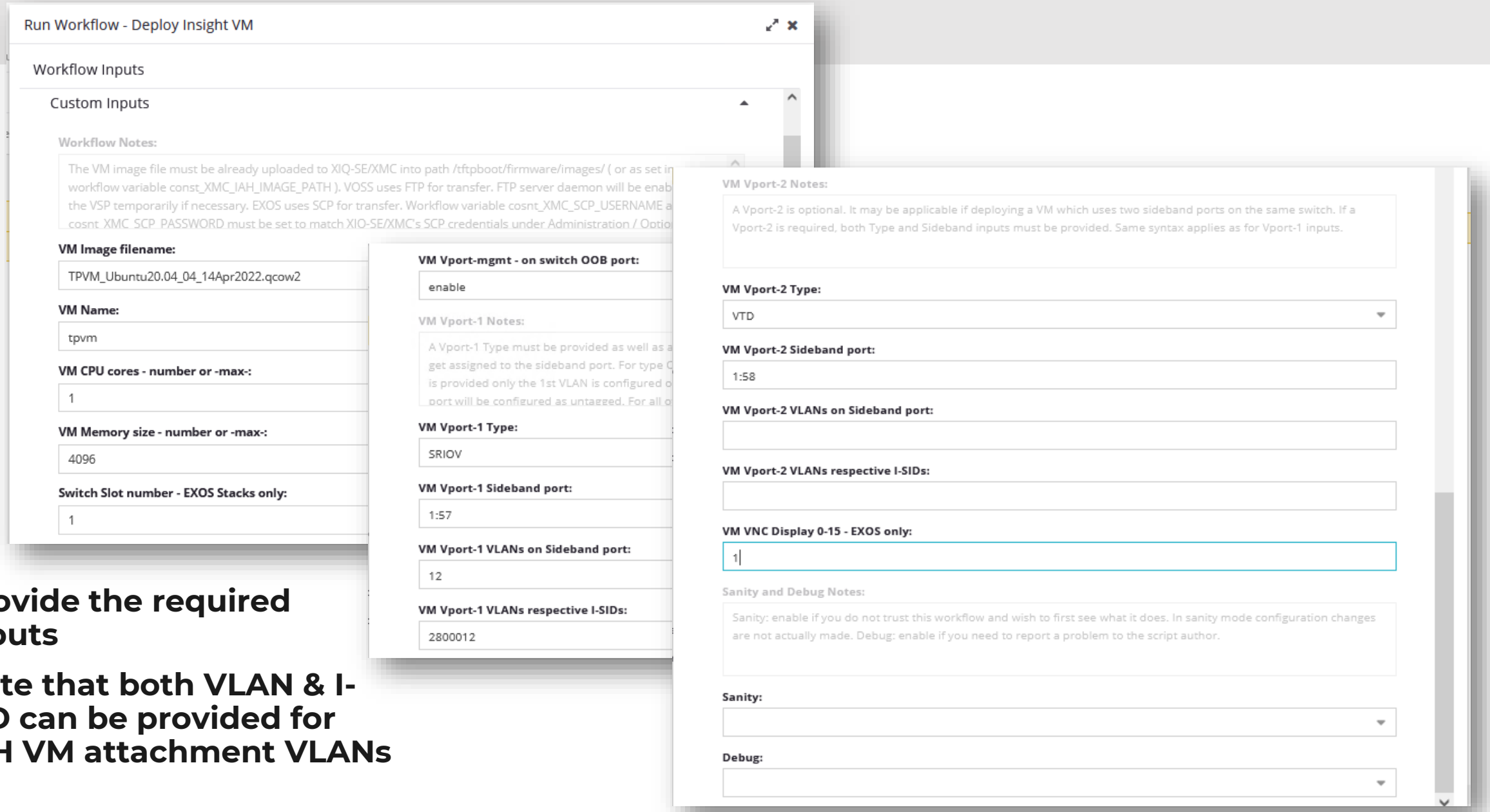
- **In the workflow Variables tab, locate variables:**
- cosnt_XMC_SCP_USERNAME & cosnt_XMC_SCP_PASSWORD
- Set them with the same credentials from XIQ-SE
- **Workflow only uses SCP with EXOS**
- **On VOSS FTP is used instead (which will use VSP CLI credentials)**

Running the workflow

- **One or more switches can be selected**
- **Supported on VOSS and EXOS (including Stacks)**
- **Workflow will error if run on non-IAH capable EXOS/VOSS switches**



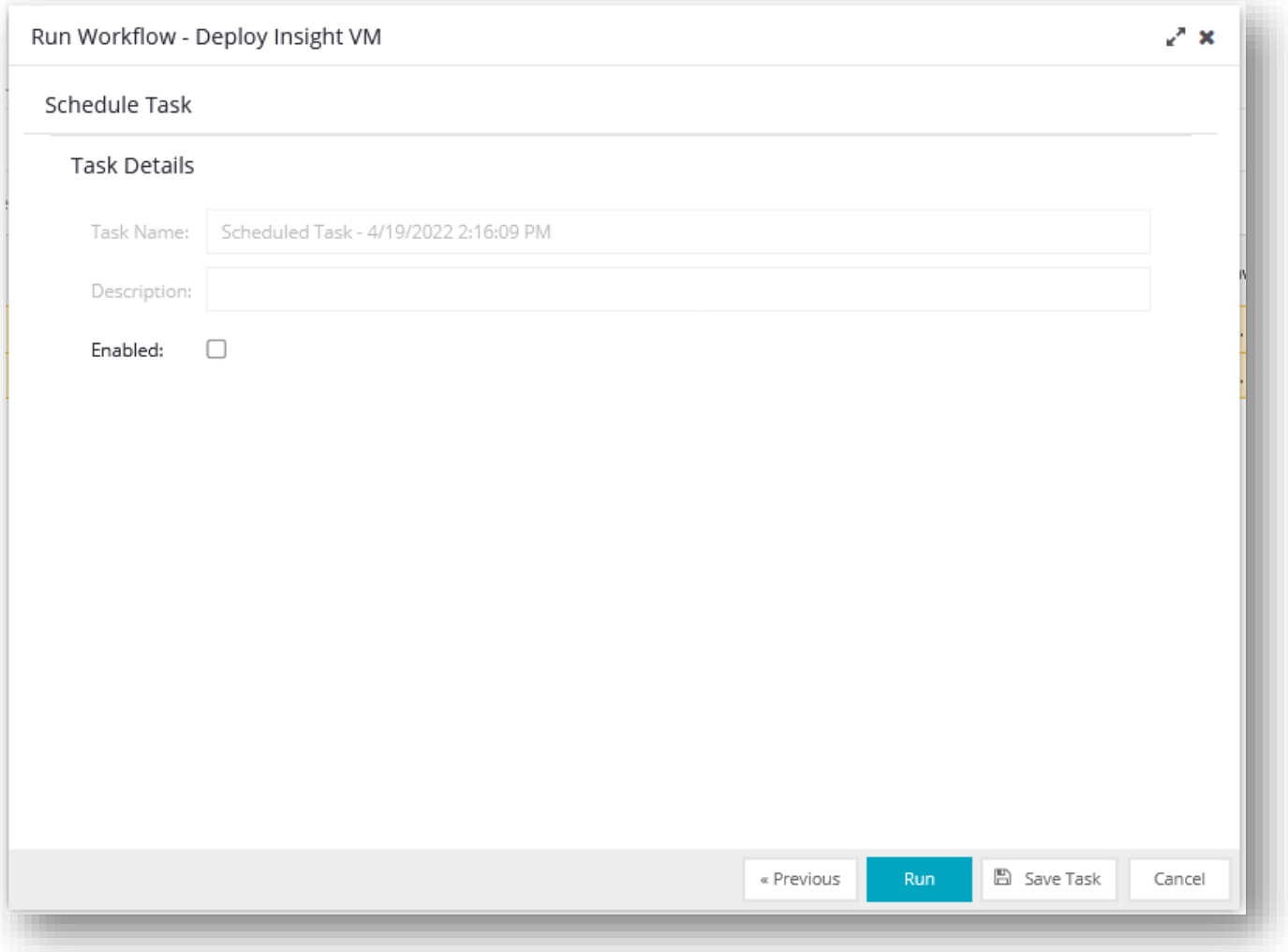
Running the workflow



- **Provide the required inputs**
- **Note that both VLAN & I-SID can be provided for IAH VM attachment VLANs**

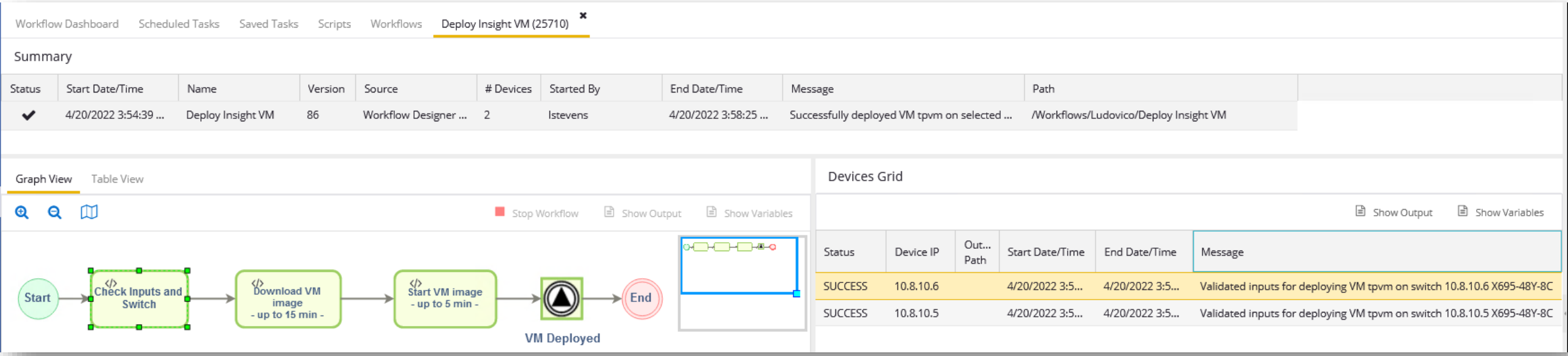
Running the workflow

- **Hit Run**



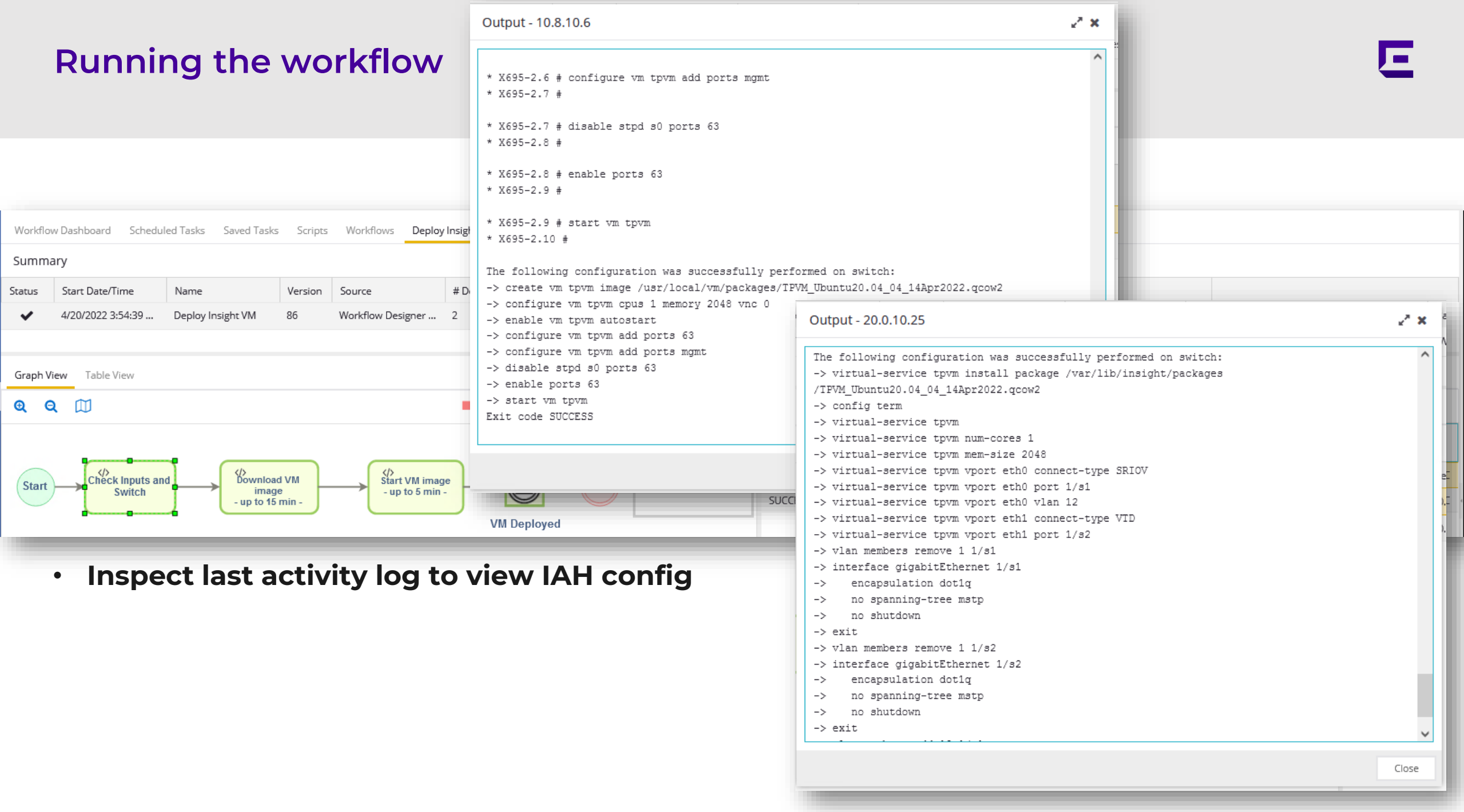
Running the workflow

- **Wait for workflow completion**



- **The middle activity, first check to see whether the requested VM image/OVA is already on the switch in the right path and with the expected file size, and if so, the download is skipped**
- **FTP is used with VOSS**
  - If the FTP daemon is disabled on the switch, the workflow will temporarily enable it, then disable it afterwards
- **SCP is used with EXOS**

Running the workflow



- **Inspect last activity log to view IAH config**