NASTEL
Driving Business Transaction Performance ®

Nastel Navigator

Express Edition
Install and initial setup
July 2021

Contents

DOCUMENT NUMBER: NNE011

Step 1: Register

Visit www.nastel.com and register for Nastel Navigator Express edition. If you need assistance, you can request it there as well.

Once completed, use the provided link to download the installation materials and this documentation.

Step 2: Prerequisites

- A Linux 64-bit operating system
- A minimum of 2 virtual CPUs
- At least 8 GB of RAM
- At least 10 GB of free space
- Ensure that a native PostgreSQL is not running. This installation uses its own PostgreSQL database implementation.
- System to manage
    - A queue manager - A configured server connection channel that is accessible from the server where the Nastel Navigator components are installed. The channel can already be used for other management purposes, such as the IBM MQ Explorer.
    - An EMS broker - A local installation of the EMS admin client libraries to connect to it and credentials.
    - A Kafka cluster - Connection details (similar to any kafka application).
    - Application Connect Enterprise Integration server - REST connection credentials and URL
    - IBM Integration Bus – Administration console credentials and URL.

Step 3: Create the Nastel Navigator Environment

1) Navigate to where you want to install and run the software. It can be any location on your server, but it is recommended to install it in `/opt` for production deployments.
2) Untar the software to a folder on your system by running the following command using the name of the file that you downloaded.

```
> tar -zxvf ../NavigatorExpress_xxx.tar.Z
```

3) Switch to the following directory. The startup scripts are located here.

```
> cd nastel/sbin
```

4) Run the startup script:

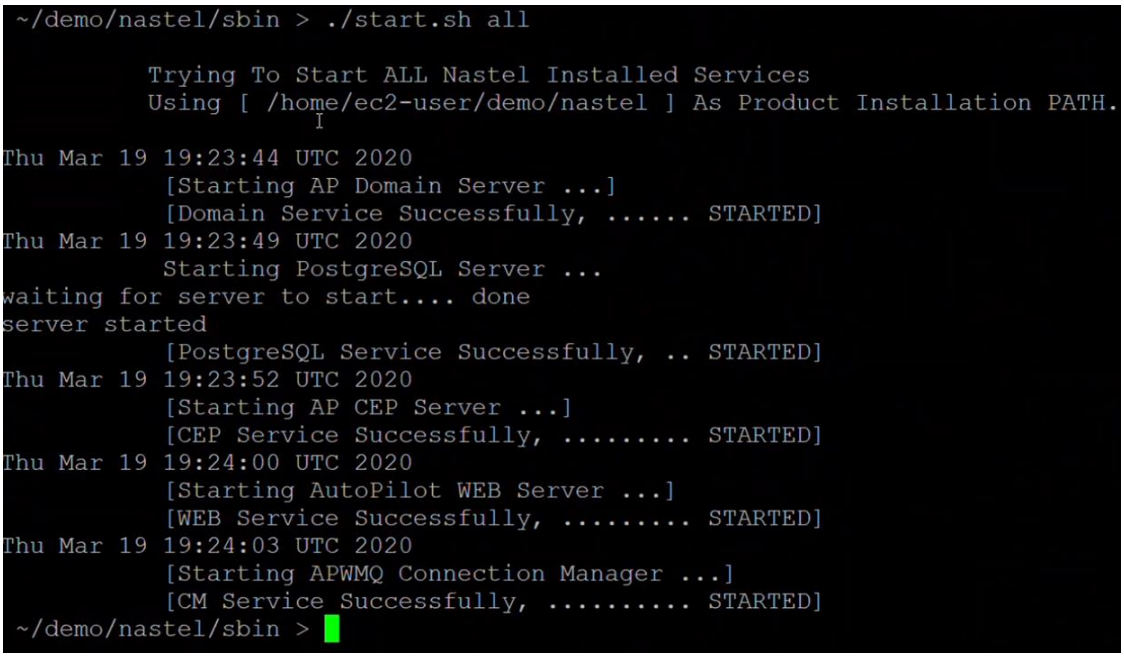
```
> ./start.sh
```

5) Press **Enter** to accept the licensing terms (see **licensing.htm** for details). Then you will be asked to verify the location for Nastel Navigator. Press **Enter** if correct, otherwise enter a new path. If prompted, provide a new password to use for the Admin account. If not prompted, the user will be Admin with password admin.

6) When the script is finished running you will receive a message confirming that the path is set. It will also instruct you to rerun the start script with the **all** keyword to start all services. Do this by running the following command:

```
> ./start.sh all
```

A screen similar to the following will appear alerting you that the services have been started.



7) Similar stop script, restart and show status script are provided.
8) Enter the scripts without parameters to see valid options.

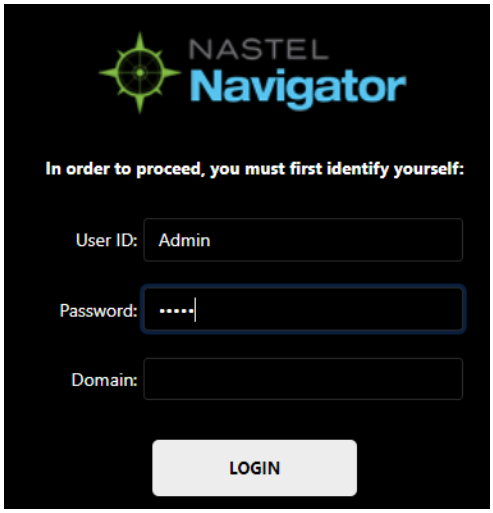
Step 4: Configure Initial Environment

1) Open a browser to launch the web GUI. Enter the following URL, be sure to update *myserver* with your server's IP address.

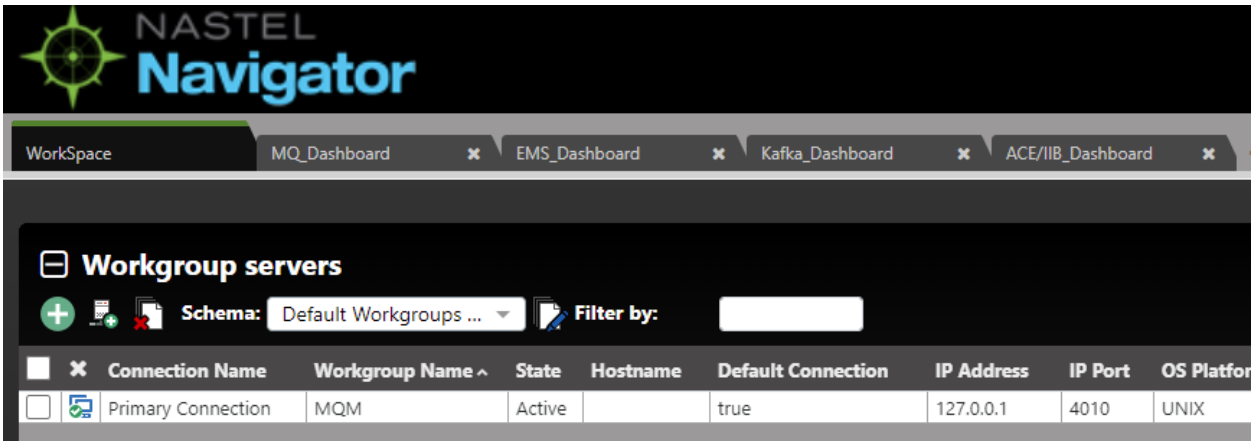
   http://*myserver*:8080/navigator

2) The login page will appear. Enter the following credentials:

   User ID: Admin
   Password: as set above

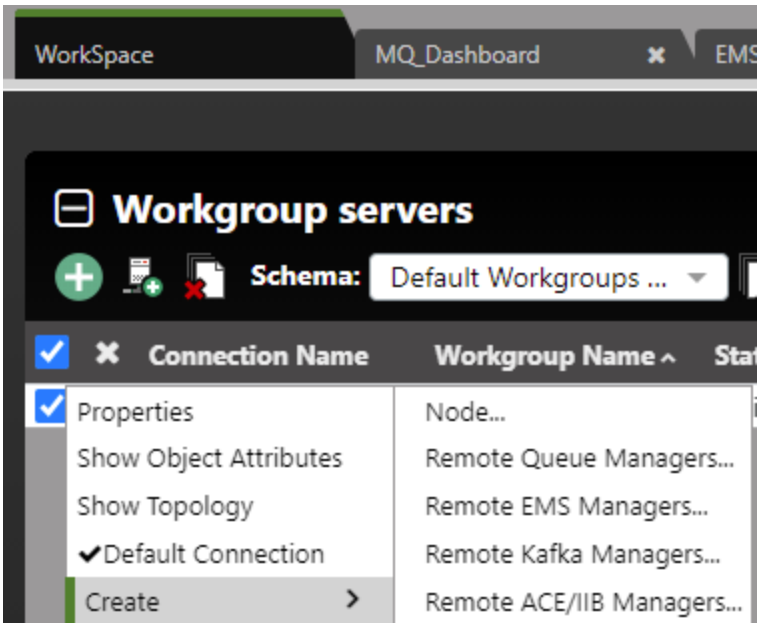


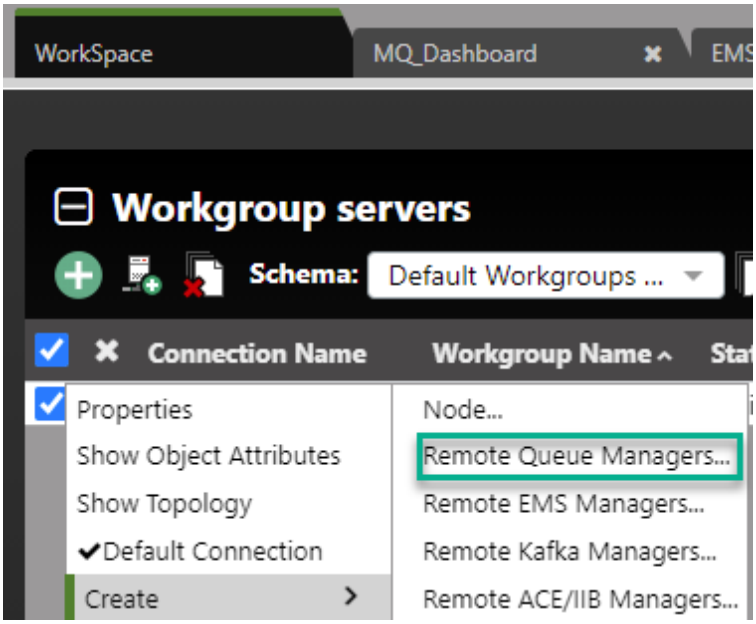
3) You will be presented with the dashboards for the various manager types.



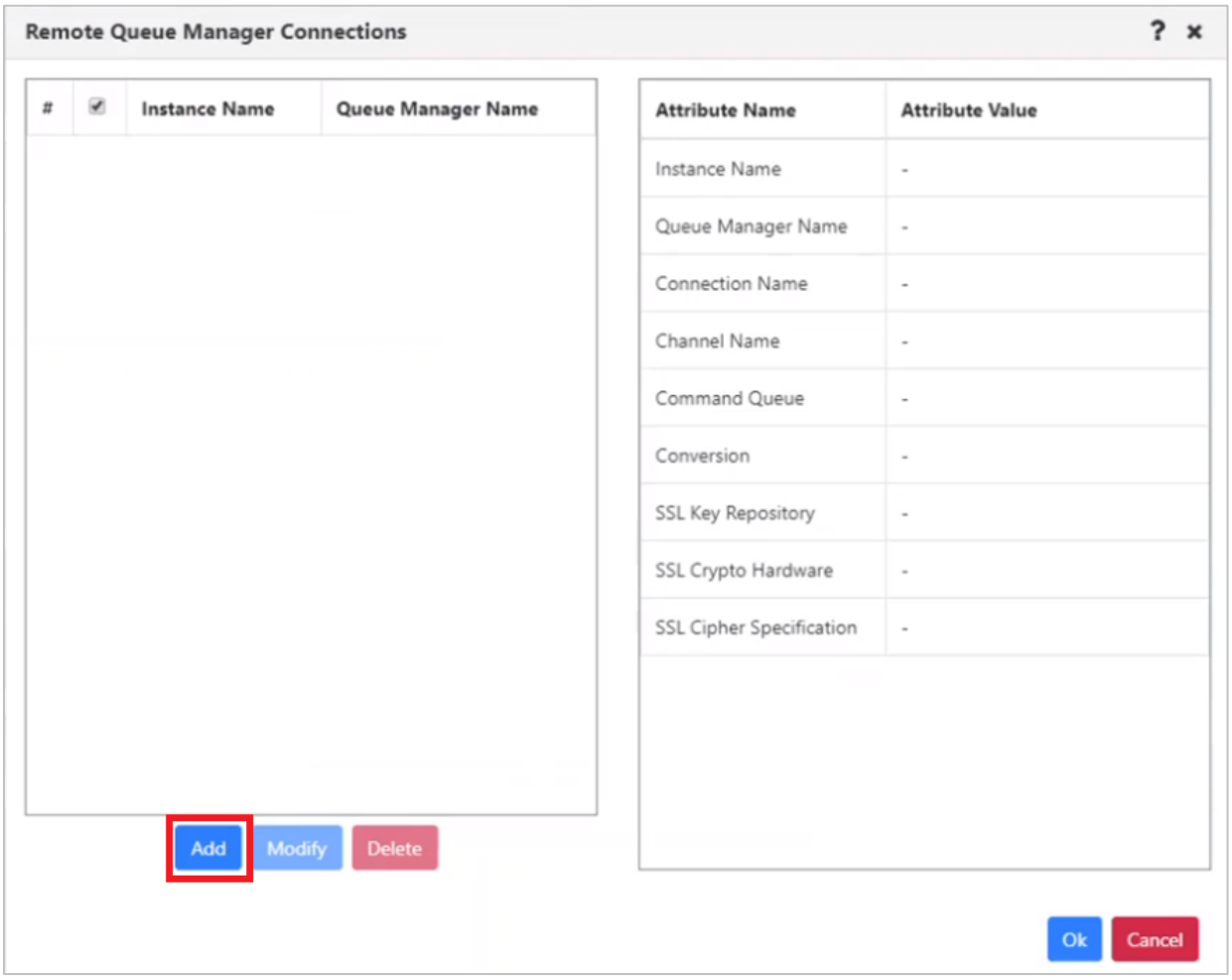
Workspace is the default dashboard, but you will want to set one of the other ones as your default (see below). You will need to add a *manager* to the *WorkSpace* dashboard, proceed to the next step for instructions on how to do this.

4) On the *WorkSpace* dashboard, click the box next to **Primary Connection** and select **Create** > **Remote Queue Manager, EMS Broker, Kafka Cluster, or ACE/IIB service**. For this example, we will use an IBM MQ Queue manager. The others will have connection parameters specific to their connection requirements.

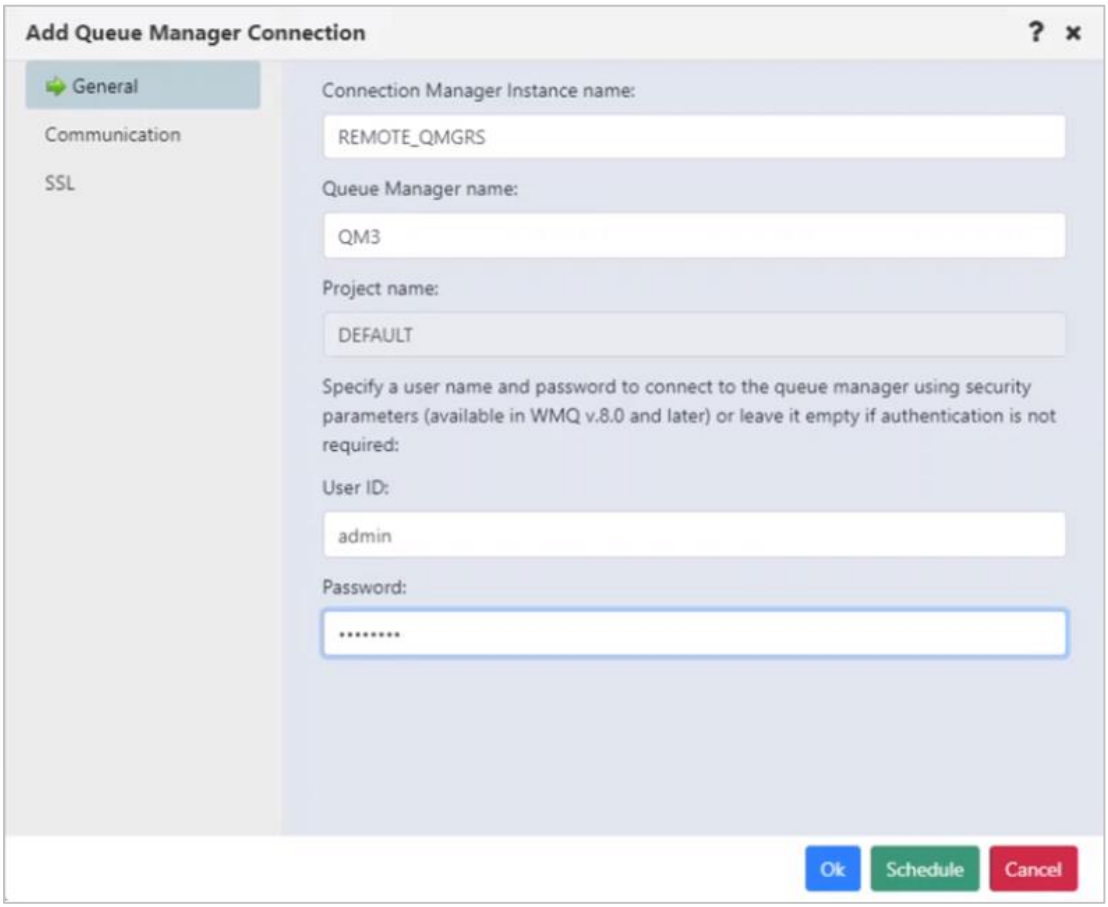




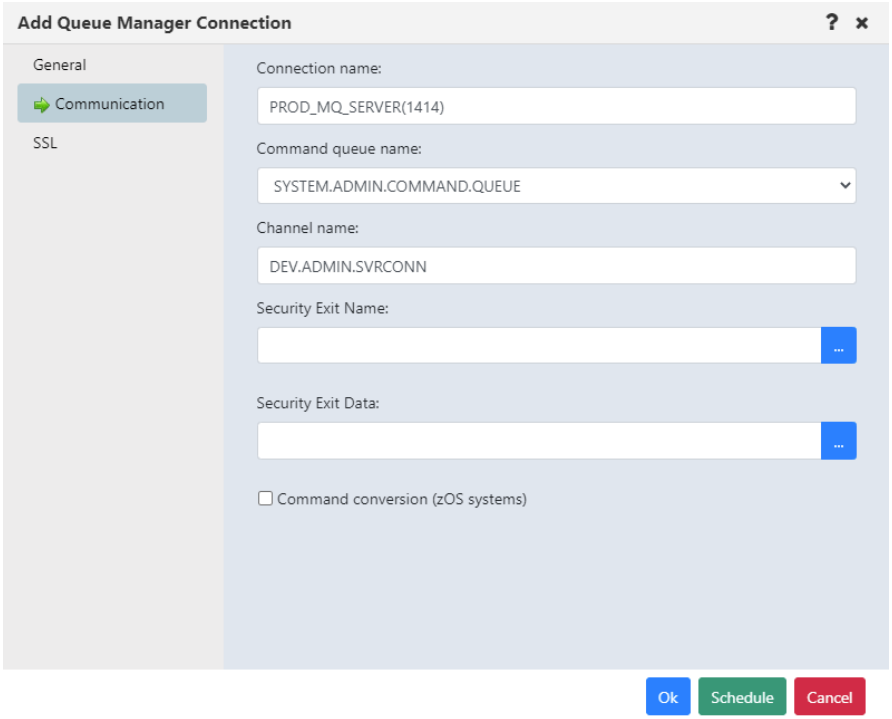
The *Remote Queue Manager Connections* screen opens. Add one or more queue managers by clicking **Add**.



Enter the details for the queue manager on the **General** tab. Enter the **User ID** and **Password** if authentication is required.

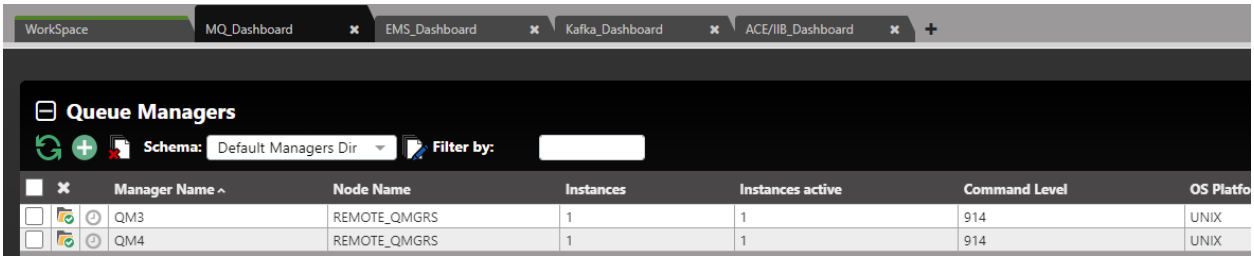


On the **Communication** and **SSL** tabs enter connection and channel information for the queue manager's particular instance. Click **OK** to close this dialog.

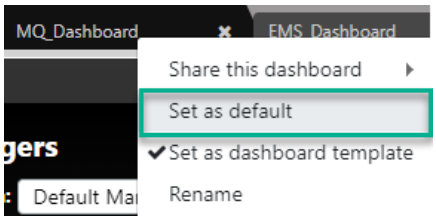


Once completed adding all desired queue managers, press **OK** to close the *Remote queue Manager Connections* window. You will see a green success message on the bottom right corner of the screen appear.

Expand the *Queue Managers* viewlet back on *MQ_Dashboard*. The queue managers you added from the above steps will display (in this example, queue managers QM3 and QM4). You will see some basic details like **Command Level**, **Node Type** and so on.



To set this as the default dashboard for future logins, right click on it and click **Set as default**



What's Next?

For additional videos and online help, click on the **Help** button  located at the top-right of your screen.

Having other issues, contact us at https://www.reddit.com/r/Nastel/ or https://www.nastel.com/company/contact-us/ or via live chat at the original registration link.

Happy Navigating!