

Title: Accessing Raritan Dominion SX Serial Console from KVM.net® II System

No: IPA43-1

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SUMMARY:

Raritan Dominion SX Serial Console can be seamlessly integrated to the KVM.net® II System by using the specially configured Access Service™.

MORE INFORMATION:

To access and operate the Raritan Dominion SX Serial Console from KVM.net II system we need properly configure the Raritan Dominion SX and create Serial Console Port targets in the KVM.net II system.

Configure the Raritan Dominion SX according to its user guide. Configure the users that will have permissions to operate the serial console ports.

Create and configure a new Access Service

Create a Raritan Dominion SX Access Service in the KVM.net II web interface.

1. Click **New Service** button in **Settings > Access Services** page of the KVM.net II.
2. Give an explanatory name to the Access Service, e.g. Raritan Dominion SX.
3. Provide description to the Access Service (optional).
4. Select the **URL** and type the following command in the corresponding field:
`https://%IP%/dpa.htm?username="%UserName%"?password="%Password%"?port="%Port%"`
5. Select **IP** check box and type the IP address of the Raritan Dominion SX.
6. Select **Port** check box. Don't input any values in this field. We will use the Port settings during the targets creation
7. Select the **Login Method** check box and either select **Use KVM.net Credentials** or **Use the Following Credentials**. If you selected **Use KVM.net Credentials** all KVM.net II users and their passwords must exist in Raritan Dominion SX. If you selected **Use the Following Credentials**, type the User Name and Password in designated fields. This user name and password must exist in Raritan Dominion SX.

★ New Service

Name: Raritan Dominion SX

Description: Raritan Dominion SX Serial Console

URL: https://%IP%/dpa.htm?username=""%UserNi

Application Path:

IP: [][][][]

Port: []

Login Method: Prompt for Credentials
 Use KVM.net Credentials
 Use the Following Credentials

Save Cancel

8. Press **Save** button.

Create and configure the targets based on the Raritan Dominion SX Access Service.

Create a Serial Console Target based on the Raritan Dominion SX Access Service.

1. In the **Management, Targets** page click **New Target** button.
2. Give a name for the Serial Console Target.
3. Provide description for the Target (optional).
4. In the **All Services** section select **Raritan Dominion SX**.
5. In the **All Services** section unselect **Mincom KVM/IP**.
6. Set Raritan Dominion SX Access Service to be a **Default Access Service**.
7. Type the IP address of the Raritan Dominion SX in the **IP** fields (If Raritan Dominion SX IP address was configured during creation of the Access Service, then the **IP** field will be already populated with IP address).
8. In the **Port** field type the Serial Console physical port number to which the serial target is connected, i.e. port 1.
9. Configure the **Login Method** if it differs from the Access Service setting.
10. Configure the **Target Sets** and **Access Permissions** assignments and press **Save & Close** or **Save & New** button.

To operate the target connected to the Raritan Dominion SX Serial Console, click on the target name in the Access page. The Direct Port Access display will appear. The console display will appear.

Error Conditions

If the user name, password, or port number is invalid or incomplete, an error message will be displayed in the browser.

Invalid Port Specified:

If the port specified in the URL is invalid, the user is requested to login again with the correct user name and password, and a valid port number:

COMMENTS:

You will need Internet Explorer and Mozilla Firefox 2.0 or later (with supported Java versions) to operate Raritan Dominion SX Serial Console.