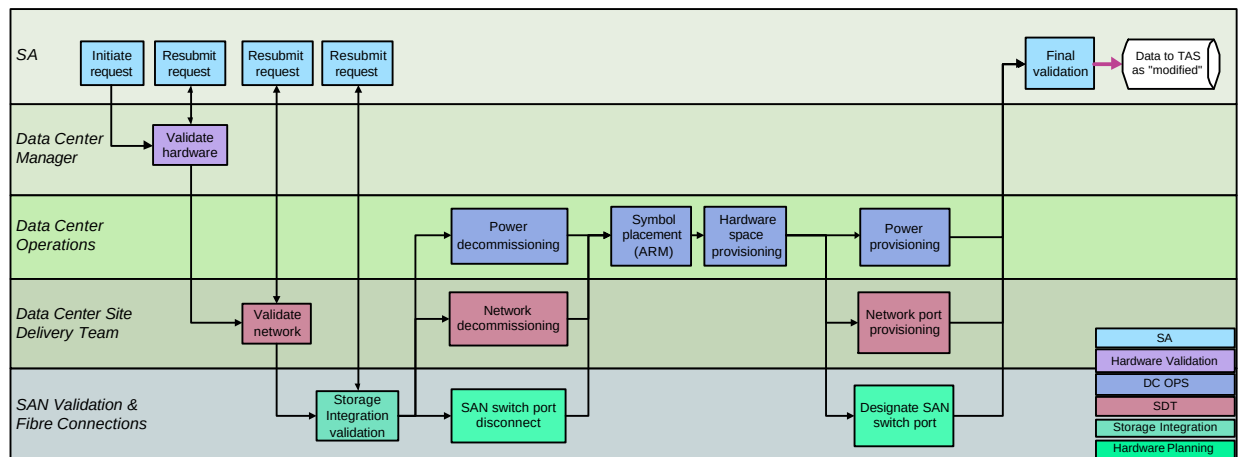


Move Process

The Move process provides for the relocation of a device within the same data center. This process allows for new space to be provisioned as well as handling the removal and replacement of network and SAN connections. The device name of the equipment being moved will remain the same.

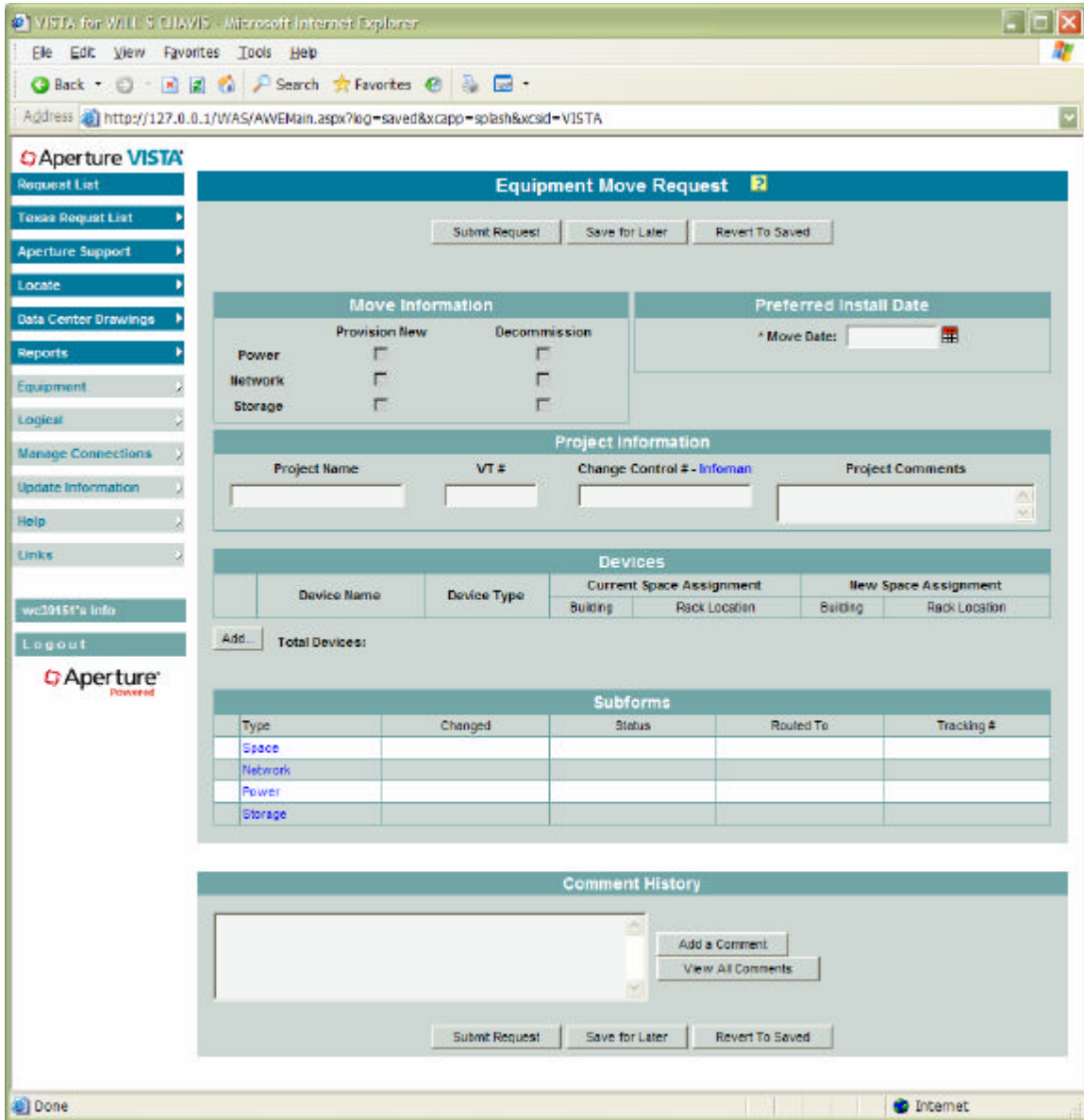


The SA initiates the Move request. Once the request is validated by the three groups (hardware, network and storage integration) the move proceeds to groups where the power, network, and storage is disconnected (if applicable). Then the device is removed from the rack and new space is provisioned. Once the new space is assigned, the form flows to power, network, and storage to assign the new connections (if specified in the request). Finally, the SA does a final validation, after which the information is updated in the Aperture repository and data updated in TAS.

1. Create Step

VISTA Org Role	SA (Requestor)
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The SA initiates the request by filling in the Main Request form shown here.



Equipment Move Request

Submit Request Save for Later Revert To Saved

Move Information

Power	Provision New ☐	Decommission ☐
Network	☐	☐
Storage	☐	☐

Preferred Install Date

Move Date:

Project Information

Project Name VT # Change Control # - [Infoman](#) Project Comments

Devices

Device Name	Device Type	Current Space Assignment		New Space Assignment	
		Building	Rack Location	Building	Rack Location
Add... Total Devices:					

Subforms

Type	Changed	Status	Routed To	Tracking #
Space				
Network				
Power				
Storage				

Comment History

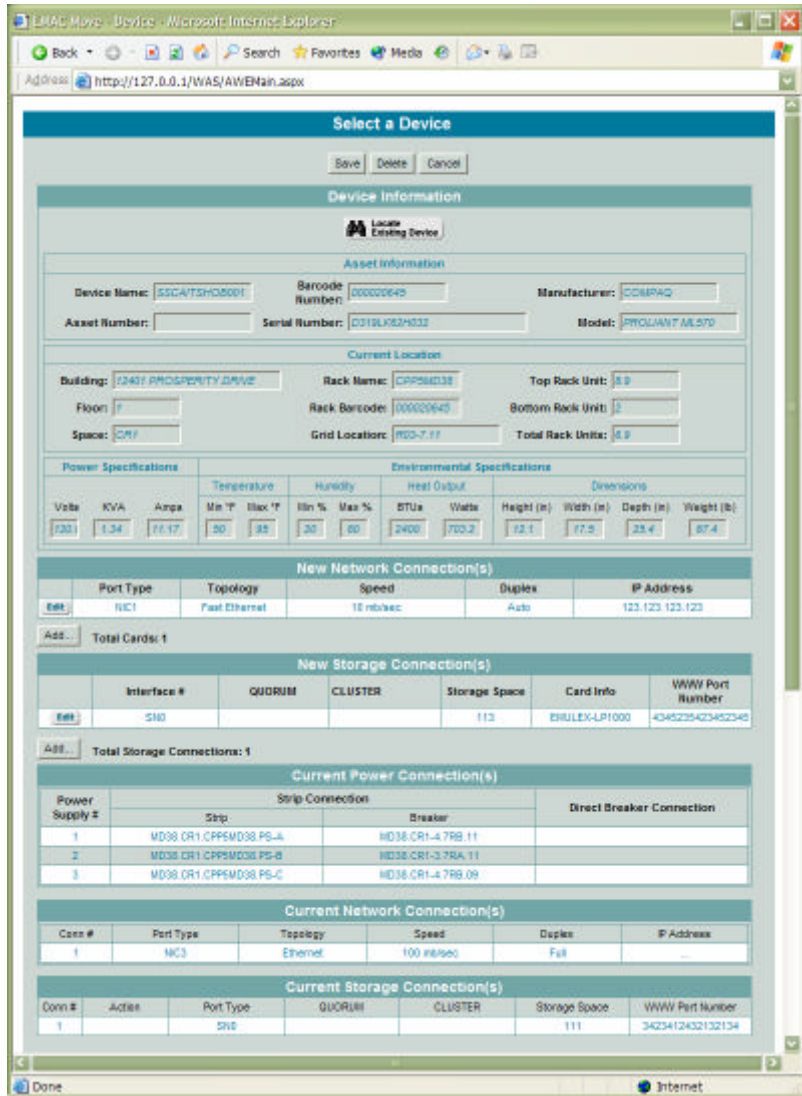
Add a Comment View All Comments

Submit Request Save for Later Revert To Saved

1. Specify the date of the move.
2. Enter the Project Name, VT #, Change Control #, and any Comments. (Clicking on “Infoman” will launch another browser window for Infoman.)
3. Next, click “Add...” in the Devices section of the form. A new window will appear in order to specify the device to be moved.
4. Select the “Locate Existing Device” button at the top of the screen to search for the device to be moved and select “Move this Device”.

Once the device is located, all of the current information will be populated.

5. If adding new network connections, click the “Add...” button in the New Network Connections section to add all Network connections when the device is relocated to its new location.
6. If adding new storage connections, click the “Add...” button in the New Storage Connections section to add all new Storage connections when the device is relocated to its new location.
7. Select “Create” at the top of the screen to add the device to the Move request.
8. Enter any instructions as to where the device should be relocated in the Comments section on the Main Request form.
9. Select “Submit Request” at the top of the main screen to submit the request.



Select a Device

Save Delete Cancel

Device Information

Locate Existing Device

Asset Information

Device Name: SSCATSH0001 Barcode Number: 000020645 Manufacturer: COMPAQ
 Asset Number: Serial Number: C31BLK52H532 Model: PROLIANT ML370

Current Location

Building: 12451 PROSPERITY DRIVE Rack Name: CPPSMD38 Top Rack Unit: 8.9
 Floor: 7 Rack Barcode: 000020645 Bottom Rack Unit: 12
 Space: CR1 Grid Location: R03-7-11 Total Rack Units: 8.9

Power Specifications

Volts	KVA	Amps	Temp Min °F	Temp Max °F	Humidity Min %	Humidity Max %	BTU/hr	Watts
120	1.34	11.17	20	35	20	80	2400	703.2

Environmental Specifications

Heat Output	Height (in)	Width (in)	Depth (in)	Weight (lb)
BTU/hr	72.1	17.5	23.4	87.4

Dimensions

New Network Connection(s)

Port Type	Topology	Speed	Duplex	IP Address
NIC1	Fast Ethernet	10 mb/sec	Auto	123.123.123.123

Add... Total Cards: 1

New Storage Connection(s)

Interface #	QUORUM	CLUSTER	Storage Space	Card Info	WWN Port Number
SND			113	EMULEX-LP1000	4345235423452345

Add... Total Storage Connections: 1

Current Power Connection(s)

Power Supply #	Strip Connection	Breaker	Direct Breaker Connection
1	MD38 CR1 CPPSMD38 PS-A	MD38 CR1-4.7RB.11	
2	MD38 CR1 CPPSMD38 PS-B	MD38 CR1-3.7BA.11	
3	MD38 CR1 CPPSMD38 PS-C	MD38 CR1-4.7RB.09	

Current Network Connection(s)

Conn #	Port Type	Topology	Speed	Duplex	IP Address
1	NIC1	Ethernet	100 mb/sec	Full	

Current Storage Connection(s)

Conn #	Active	Port Type	QUORUM	CLUSTER	Storage Space	WWN Port Number
1		SND			111	3423412432132134

2. Hardware Validation Step

VISTA Org Role	Data Center management for each site.
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This step is for validating the hardware information. As with each of the three validation steps, there is no data entry. The Validator is to review the information. If there are changes to be made, the request is rejected back to the SA (Requestor).

3. Network Validation Step

VISTA Org Role	Network Validators (SDTs)
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This step is for validating the network information. As with each of the three validation steps, there is no data entry. The Validator is to review the information. If there are changes to be made, the request is rejected back to the SA (Requestor).

4. Storage Validation Step

VISTA Org Role	Distributed Storage Integration
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This step is for validating the storage information. As with each of the three validation steps, there is no data entry. The Validator is to review the information. If there are changes to be made, the request is rejected back to the SA (Requestor).

The request now flows to three decommissioning paths simultaneously (network, power, and storage) if there are existing connections defined for each type of connection.

5. Network Decommissioning

VISTA Org Role	SDT
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This step is sent to the site delivery team in the data center to assure that the network connections have been decommissioned. There is no data entry on this form. Once the network is physically disconnected, select “Network Decommissioned” to flow the request.

6. Power Decommissioning

VISTA Org Role	SDT
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This step is sent to the site delivery team in the data center to assure that the power connections have been decommissioned. There is no data entry on this form. Once the power is physically disconnected, select “Power Decommissioned” to flow the request.

7. SAN Switch Port Disconnect

VISTA Org Role	Data center team for each site.
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At this step, the site delivery team in the data center confirms that the SAN switch port has been disconnected. There is no data entry on this form. Once the port is physically disconnected, select “Completed” to flow the request.

8. Symbol Placement

VISTA Org Role	DCOPS
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At this step, the site delivery team moves the device from its current location to the new location using the Aperture Repository Manager and ARM utility. Once completed, select “Symbol Placed.”

If the device is not ready to be moved, then select “Symbol in Storage”

9. Hardware Space Provisioning

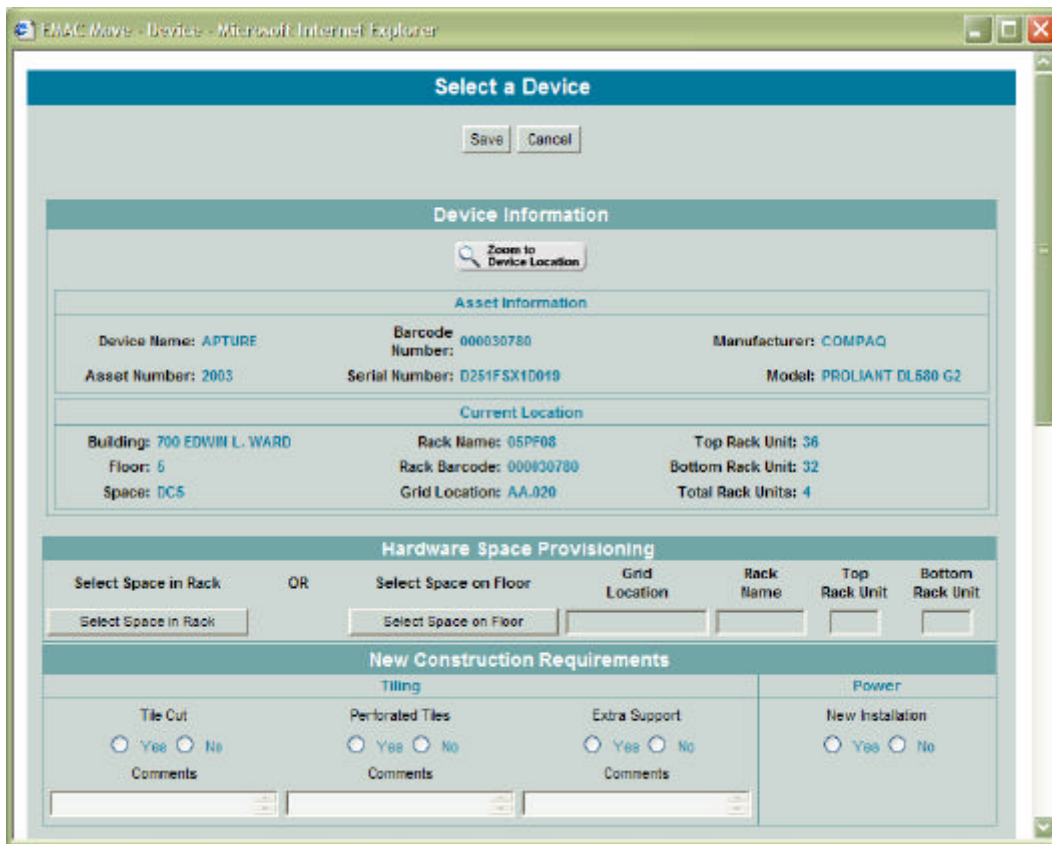
VISTA Org Role	DCOPS
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Once the device has been moved with ARM in the previous step, this step will assign that new location.

1. Select “Edit” next to the device to be moved on the Main form.
2. In the Hardware Space Provisioning section, select the “Select Space in Rack” or “Select Space on Floor” buttons.
3. Use the Locator to search for the device moved with ARM in the previous step.
4. Click the “Select this Device” button when the device is located.

The space information will filled in.

5. Click “Save” at the top of the screen



Return to the main install screen and repeat the above steps for any other devices on the request.

6. Once all devices have been provisioned, select the check box next to “Provisioning Complete” to indicate that all devices on the request have been provisioned and flow the request by clicking the “Space Provisioned” button at the top of the form.

The request will then flow to the power, network, and storage allocation steps simultaneously. The request will flow to network and storage only if the SA requested new connections.

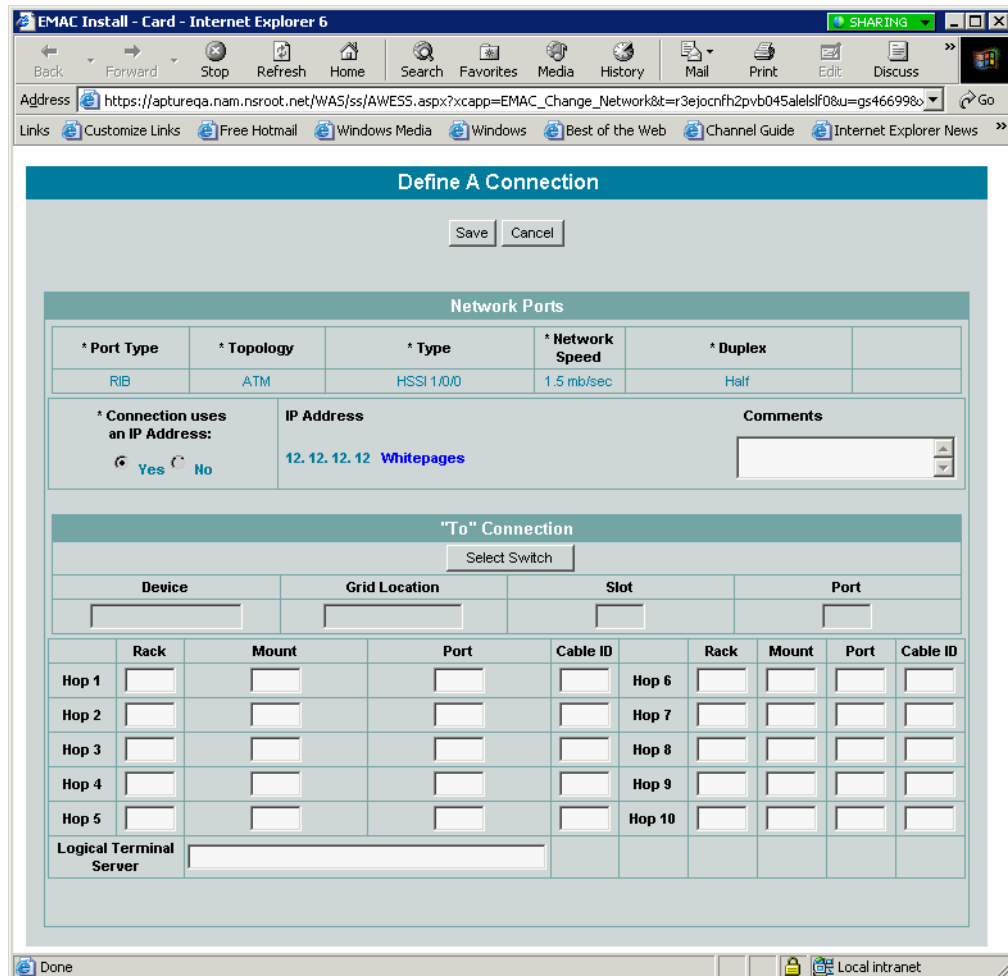
10. Network Provisioning

VISTA Org Role	SDT
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At the Network Provisioning step, the network connection information is entered. Network Integration will enter the port connection at the switch for each defined connection.

1. Open the request and click Edit next to the device to establish the network connection.

The network information will be at the bottom of the form.



Define A Connection

Save Cancel

Network Ports

* Port Type	* Topology	* Type	* Network Speed	* Duplex
RIB	ATM	HSSI 1/0/0	1.5 mb/sec	Half

* Connection uses an IP Address:
☒ Yes ☐ No

IP Address: 12.12.12.12 Whitepages

Comments:

"To" Connection

Select Switch

Device	Grid Location	Slot	Port

	Rack	Mount	Port	Cable ID		Rack	Mount	Port	Cable ID
Hop 1					Hop 6				
Hop 2					Hop 7				
Hop 3					Hop 8				
Hop 4					Hop 9				
Hop 5					Hop 10				
Logical Terminal Server									

2. Select the "Edit" button next to the first connection to be assigned.
3. Click the "Select Switch" button and search for the switch.
4. Then drill down to the slot and then the port to connect to.
5. Click "Fill in Form" when the port is selected.
6. All intermediate hops are to be entered into the available spaces at the lower portion of the screen.
7. If a Terminal Server connection was made, enter the Logical Terminal Server connection in the space provided.

8. Repeat for each port on the device
9. Returning to the Main form, click the check box next to Provisioning Complete?
10. Indicate if Cabling is required.
11. Select the “Network Provisioned” button at the top of the form.

Once both network and power are completed, the request flows on to the Receive then Rack and Stack steps.

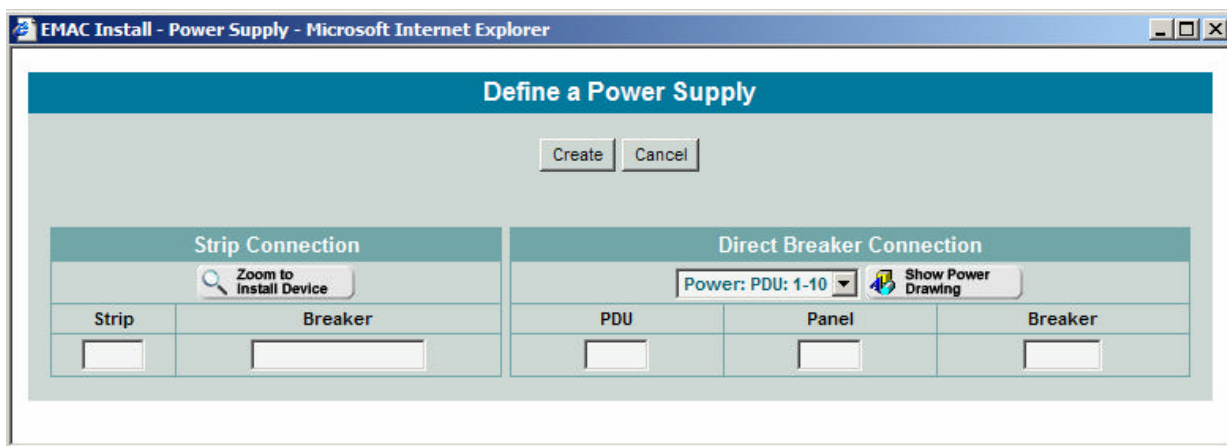
11. Power Provisioning

VISTA Org Role	DCOPS
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At the Power Provisioning step, the power information is specified.

1. Select Edit next to the device to be connected.
2. On the main Device form, the connector type, whether or not the device is dual powered, and the number of power supplies is specified.
3. In the New Power Connection(s) section, click “Add...” to connect each power supply.

Either use the Strip Connection (left side) or the Direct Breaker Connection (right side) of the “Define a Power Supply” form.



For a power strip connection:

1. Click the Zoom To button to zoom to the device and click on the power strip in the cabinet that the device is connected to.
2. Click Create
3. Repeat for each power supply.

For a direct breaker connection:

1. Select the PDU drawing and click the Show Power Drawing button
2. Then click on the breaker on the panel to which the device is connected.
3. Click Create
4. Repeat for each power connection.

Return to the Main Device screen and repeat for all devices on the request.

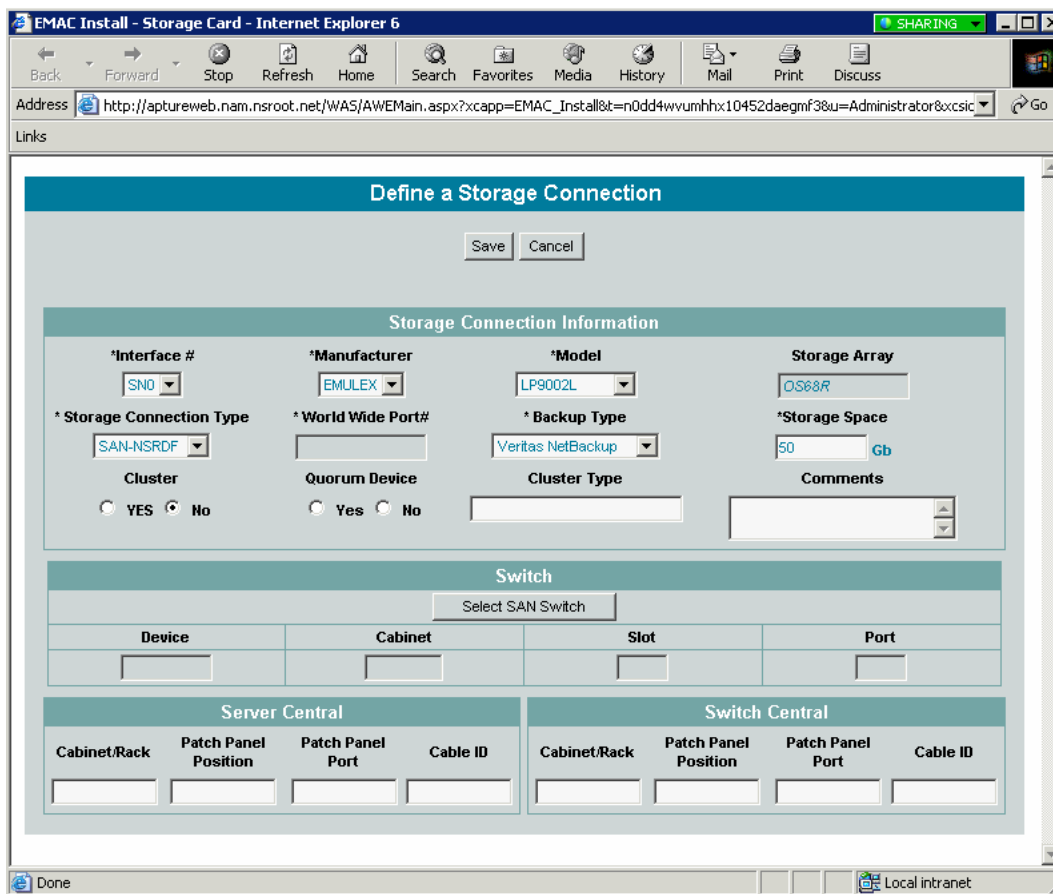
Once completed:

1. Click the check box next to Provisioning Complete?
2. Select the “Power Provisioned” button at the top of the form.

12. Designate SAN Switch Port

VISTA Org Role Data Center Hardware Planning or Site Team

At this step, the SAN switch ports are designated.



The screenshot shows a web browser window titled "EMAC Install - Storage Card - Internet Explorer 6". The address bar shows a URL from aptureweb.nam.nsroot.net. The main content area is titled "Define a Storage Connection" and includes a "Save" button and a "Cancel" button. Below this is a "Storage Connection Information" section with various dropdown menus and text boxes for fields like Interface #, Manufacturer, Model, Storage Array, Storage Connection Type, World Wide Port#, Backup Type, Storage Space, Cluster, Quorum Device, Cluster Type, and Comments. Below this is a "Switch" section with a "Select SAN Switch" button and a table with columns for Device, Cabinet, Slot, and Port. At the bottom are two tables: "Server Central" and "Switch Central", both with columns for Cabinet/Rack, Patch Panel Position, Patch Panel Port, and Cable ID.

1. Open the request.
 2. Click “Edit” next to the device to establish the connections
 3. Scroll to the Storage section of the form and click “Edit” next to the storage port to be connected.
 4. Click the “Select SAN Patch Panel” button to locate the fibre patch panel or storage director where the connection will terminate.
 5. Locate the port for the connection and select “use this port.”
 6. Enter the Cabinet/Rack, Patch Panel Position, Patch Panel Port, and Cable ID for the Switch Central and Server Central section.
 7. Click “Save” button at the top of the form
- Repeat for each storage connection.
8. Once all ports are completed, click “Save” at the top of the Device form.

9. Select the check box next to Provisioning Complete.
10. Click “Complete” at the top of the Main form to process the request.

13. Final Validation

VISTA Org Role	SA (Requestor)
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At this last step, the request flows back to the Requestor for final validation.

1. Open the request.
2. Click “OK” at the top of the form to complete the request.

All information is now saved to the Aperture VISTA Repository and specified fields are sent to TAS transfer tables which will update TAS.