



Sample and blank cabling worksheets

Cluster and storage switches

NetApp

December 14, 2022

This PDF was generated from <https://docs.netapp.com/us-en/ontap-systems-switches/switch-cisco-9336c-fx2/setup-worksheet-9336c.html> on December 14, 2022. Always check docs.netapp.com for the latest.

Table of Contents

- Sample and blank cabling worksheets 1
 - Cisco Nexus 9336C-FX2 cabling worksheet 1
 - Cisco Nexus 92300YC cabling worksheet 4
 - Cisco Nexus 3232C cabling worksheet 10
 - Cisco Nexus 3132Q-V cabling worksheet 13
 - Cisco Nexus 5596UP and 5596T cabling worksheet 16
- Sample and blank cabling worksheets 20

Sample and blank cabling worksheets

Cisco Nexus 9336C-FX2 cabling worksheet

If you want to document the supported platforms, you must complete the blank cabling worksheet by using the completed sample cabling worksheet as a guide.

Sample cabling worksheet

The sample port definition on each pair of switches is as follows:

| Cluster switch A | | Cluster switch B | |
|------------------|---------------------|------------------|---------------------|
| Switch port | Node and port usage | Switch port | Node and port usage |
| 1 | 4x10GbE node 1 | 1 | 4x10GbE node 1 |
| 2 | 4x10GbE node 2 | 2 | 4x10GbE node 2 |
| 3 | 4x10GbE node 3 | 3 | 4x10GbE node 3 |
| 4 | 4x25GbE node 4 | 4 | 4x25GbE node 4 |
| 5 | 4x25GbE node 5 | 5 | 4x25GbE node 5 |
| 6 | 4x25GbE node 6 | 6 | 4x25GbE node 6 |
| 7 | 4x100GbE node 7 | 7 | 4x100GbE node 7 |
| 8 | 4x100GbE node 8 | 8 | 4x100GbE node 8 |
| 9 | 4x100GbE node 9 | 9 | 4x100GbE node 9 |
| 10 | 4x100GbE node 10 | 10 | 4x100GbE node 10 |
| 11 | 4x100GbE node 11 | 11 | 4x100GbE node 11 |
| 12 | 4x100GbE node 12 | 12 | 4x100GbE node 12 |
| 13 | 4x100GbE node 13 | 13 | 4x100GbE node 13 |
| 14 | 4x100GbE node 14 | 14 | 4x100GbE node 14 |
| 15 | 4x100GbE node 15 | 15 | 4x100GbE node 15 |
| 16 | 4x100GbE node 16 | 16 | 4x100GbE node 16 |

| Cluster switch A | | Cluster switch B | |
|------------------|------------------------------|------------------|------------------------------|
| 17 | 4x100GbE node 17 | 17 | 4x100GbE node 17 |
| 18 | 4x100GbE node 18 | 18 | 4x100GbE node 18 |
| 19 | 4x100GbE node 19 | 19 | 4x100GbE node 19 |
| 20 | 4x100GbE node 20 | 20 | 4x100GbE node 20 |
| 21 | 4x100GbE node 21 | 21 | 4x100GbE node 21 |
| 22 | 4x100GbE node 22 | 22 | 4x100GbE node 22 |
| 23 | 4x100GbE node 23 | 23 | 4x100GbE node 23 |
| 24 | 4x100GbE node 24 | 24 | 4x100GbE node 24 |
| 25 through 34 | Reserved | 25 through 34 | Reserved |
| 35 | 100G ISL to switch B port 35 | 35 | 100G ISL to switch A port 35 |
| 36 | 100G ISL to switch B port 36 | 36 | 100G ISL to switch A port 36 |

Blank cabling worksheet

You can use the blank cabling worksheet to document the platforms that are supported as nodes in a cluster. The *Supported Cluster Connections* section of the *Hardware Universe* defines the cluster ports used by the platform.

| Cluster switch A | | Cluster switch B | |
|------------------|--|------------------|--|
| 1 | | 1 | |
| 2 | | 2 | |
| 3 | | 3 | |
| 4 | | 4 | |
| 5 | | 5 | |
| 6 | | 6 | |

| Cluster switch A | | Cluster switch B | |
|------------------|------------------------------|------------------|------------------------------|
| 7 | | 7 | |
| 8 | | 8 | |
| 9 | | 9 | |
| 10 | | 10 | |
| 11 | | 11 | |
| 12 | | 12 | |
| 13 | | 13 | |
| 14 | | 14 | |
| 15 | | 15 | |
| 16 | | 16 | |
| 17 | | 17 | |
| 18 | | 18 | |
| 19 | | 19 | |
| 20 | | 20 | |
| 21 | | 21 | |
| 22 | | 22 | |
| 23 | | 23 | |
| 24 | | 24 | |
| 25 through 34 | Reserved | 25 through 34 | Reserved |
| 35 | 100G ISL to switch B port 35 | 35 | 100G ISL to switch A port 35 |
| 36 | 100G ISL to switch B port 36 | 36 | 100G ISL to switch A port 36 |

Cisco Nexus 92300YC cabling worksheet

If you want to document the supported platforms, you must complete the blank cabling worksheet by using the completed sample cabling worksheet as a guide.

Sample cabling worksheet

The sample port definition on each pair of switches is as follows:

| Cluster switch A | | Cluster switch B | |
|------------------|---------------------|------------------|---------------------|
| Switch port | Node and port usage | Switch port | Node and port usage |
| 1 | 10/25 GbE node | 1 | 10/25 GbE node |
| 2 | 10/25 GbE node | 2 | 10/25 GbE node |
| 3 | 10/25 GbE node | 3 | 10/25 GbE node |
| 4 | 10/25 GbE node | 4 | 10/25 GbE node |
| 5 | 10/25 GbE node | 5 | 10/25 GbE node |
| 6 | 10/25 GbE node | 6 | 10/25 GbE node |
| 7 | 10/25 GbE node | 7 | 10/25 GbE node |
| 8 | 10/25 GbE node | 8 | 10/25 GbE node |
| 9 | 10/25 GbE node | 9 | 10/25 GbE node |
| 10 | 10/25 GbE node | 10 | 10/25 GbE node |
| 11 | 10/25 GbE node | 11 | 10/25 GbE node |
| 12 | 10/25 GbE node | 12 | 10/25 GbE node |
| 13 | 10/25 GbE node | 13 | 10/25 GbE node |
| 14 | 10/25 GbE node | 14 | 10/25 GbE node |
| 15 | 10/25 GbE node | 15 | 10/25 GbE node |
| 16 | 10/25 GbE node | 16 | 10/25 GbE node |
| 17 | 10/25 GbE node | 17 | 10/25 GbE node |

| Cluster switch A | | Cluster switch B | |
|------------------|----------------|------------------|----------------|
| 18 | 10/25 GbE node | 18 | 10/25 GbE node |
| 19 | 10/25 GbE node | 19 | 10/25 GbE node |
| 20 | 10/25 GbE node | 20 | 10/25 GbE node |
| 21 | 10/25 GbE node | 21 | 10/25 GbE node |
| 22 | 10/25 GbE node | 22 | 10/25 GbE node |
| 23 | 10/25 GbE node | 23 | 10/25 GbE node |
| 24 | 10/25 GbE node | 24 | 10/25 GbE node |
| 25 | 10/25 GbE node | 25 | 10/25 GbE node |
| 26 | 10/25 GbE node | 26 | 10/25 GbE node |
| 27 | 10/25 GbE node | 27 | 10/25 GbE node |
| 28 | 10/25 GbE node | 28 | 10/25 GbE node |
| 29 | 10/25 GbE node | 29 | 10/25 GbE node |
| 30 | 10/25 GbE node | 30 | 10/25 GbE node |
| 31 | 10/25 GbE node | 31 | 10/25 GbE node |
| 32 | 10/25 GbE node | 32 | 10/25 GbE node |
| 33 | 10/25 GbE node | 33 | 10/25 GbE node |
| 34 | 10/25 GbE node | 34 | 10/25 GbE node |
| 35 | 10/25 GbE node | 35 | 10/25 GbE node |
| 36 | 10/25 GbE node | 36 | 10/25 GbE node |
| 37 | 10/25 GbE node | 37 | 10/25 GbE node |
| 38 | 10/25 GbE node | 38 | 10/25 GbE node |
| 39 | 10/25 GbE node | 39 | 10/25 GbE node |

| Cluster switch A | | Cluster switch B | |
|------------------|-----------------|------------------|-----------------|
| 40 | 10/25 GbE node | 40 | 10/25 GbE node |
| 41 | 10/25 GbE node | 41 | 10/25 GbE node |
| 42 | 10/25 GbE node | 42 | 10/25 GbE node |
| 43 | 10/25 GbE node | 43 | 10/25 GbE node |
| 44 | 10/25 GbE node | 44 | 10/25 GbE node |
| 45 | 10/25 GbE node | 45 | 10/25 GbE node |
| 46 | 10/25 GbE node | 46 | 10/25 GbE node |
| 47 | 10/25 GbE node | 47 | 10/25 GbE node |
| 48 | 10/25 GbE node | 48 | 10/25 GbE node |
| 49 | 40/100 GbE node | 49 | 40/100 GbE node |
| 50 | 40/100 GbE node | 50 | 40/100 GbE node |
| 51 | 40/100 GbE node | 51 | 40/100 GbE node |
| 52 | 40/100 GbE node | 52 | 40/100 GbE node |
| 53 | 40/100 GbE node | 53 | 40/100 GbE node |
| 54 | 40/100 GbE node | 54 | 40/100 GbE node |
| 55 | 40/100 GbE node | 55 | 40/100 GbE node |
| 56 | 40/100 GbE node | 56 | 40/100 GbE node |
| 57 | 40/100 GbE node | 57 | 40/100 GbE node |
| 58 | 40/100 GbE node | 58 | 40/100 GbE node |
| 59 | 40/100 GbE node | 59 | 40/100 GbE node |
| 60 | 40/100 GbE node | 60 | 40/100 GbE node |
| 61 | 40/100 GbE node | 61 | 40/100 GbE node |

| Cluster switch A | | Cluster switch B | |
|------------------|---------------------------------|------------------|---------------------------------|
| 62 | 40/100 GbE node | 62 | 40/100 GbE node |
| 63 | 40/100 GbE node | 63 | 40/100 GbE node |
| 64 | 40/100 GbE node | 64 | 40/100 GbE node |
| 65 | 100 GbE ISL to switch B port 65 | 65 | 100 GbE ISL to switch A port 65 |
| 66 | 100 GbE ISL to switch B port 66 | 66 | 100 GbE ISL to switch A port 65 |

Blank cabling worksheet

You can use the blank cabling worksheet to document the platforms that are supported as nodes in a cluster. The *Supported Cluster Connections* section of the *Hardware Universe* defines the cluster ports used by the platform.

| Cluster switch A | | Cluster switch B | |
|------------------|-----------------|------------------|-----------------|
| Switch port | Node/port usage | Switch port | Node/port usage |
| 1 | | 1 | |
| 2 | | 2 | |
| 3 | | 3 | |
| 4 | | 4 | |
| 5 | | 5 | |
| 6 | | 6 | |
| 7 | | 7 | |
| 8 | | 8 | |
| 9 | | 9 | |
| 10 | | 10 | |
| 11 | | 11 | |
| 12 | | 12 | |

| Cluster switch A | | Cluster switch B | |
|------------------|--|------------------|--|
| 13 | | 13 | |
| 14 | | 14 | |
| 15 | | 15 | |
| 16 | | 16 | |
| 17 | | 17 | |
| 18 | | 18 | |
| 19 | | 19 | |
| 20 | | 20 | |
| 21 | | 21 | |
| 22 | | 22 | |
| 23 | | 23 | |
| 24 | | 24 | |
| 25 | | 25 | |
| 26 | | 26 | |
| 27 | | 27 | |
| 28 | | 28 | |
| 29 | | 29 | |
| 30 | | 30 | |
| 31 | | 31 | |
| 32 | | 32 | |
| 33 | | 33 | |
| 34 | | 34 | |

| Cluster switch A | | Cluster switch B | |
|------------------|--|------------------|--|
| 35 | | 35 | |
| 36 | | 36 | |
| 37 | | 37 | |
| 38 | | 38 | |
| 39 | | 39 | |
| 40 | | 40 | |
| 41 | | 41 | |
| 42 | | 42 | |
| 43 | | 43 | |
| 44 | | 44 | |
| 45 | | 45 | |
| 46 | | 46 | |
| 47 | | 47 | |
| 48 | | 48 | |
| 49 | | 49 | |
| 50 | | 50 | |
| 51 | | 51 | |
| 52 | | 52 | |
| 53 | | 53 | |
| 54 | | 54 | |
| 55 | | 55 | |
| 56 | | 56 | |

| Cluster switch A | | Cluster switch B | |
|------------------|-------------------------|------------------|-------------------------|
| 57 | | 57 | |
| 58 | | 58 | |
| 59 | | 59 | |
| 60 | | 60 | |
| 61 | | 61 | |
| 62 | | 62 | |
| 63 | | 63 | |
| 64 | | 64 | |
| 65 | ISL to switch B port 65 | 65 | ISL to switch A port 65 |
| 66 | ISL to switch B port 66 | 66 | ISL to switch A port 66 |

Cisco Nexus 3232C cabling worksheet

If you want to document the supported platforms, you must complete the blank cabling worksheet by using the completed sample cabling worksheet as a guide. Each switch can be configured as a single 100GbE, 40GbE port or 4 x 10GbE ports.

Sample cabling worksheet

The sample port definition on each pair of switches is as follows:

| Cluster switch A | | Cluster switch B | |
|------------------|---------------------|------------------|---------------------|
| Switch port | Node and port usage | Switch port | Node and port usage |
| 1 | 4x10G/40G/100G node | 1 | 4x10G/40G/100G node |
| 2 | 4x10G/40G/100G node | 2 | 4x10G/40G/100G node |
| 3 | 4x10G/40G/100G node | 3 | 4x10G/40G/100G node |
| 4 | 4x10G/40G/100G node | 4 | 4x10G/40G/100G node |
| 5 | 4x10G/40G/100G node | 5 | 4x10G/40G/100G node |

| Cluster switch A | | Cluster switch B | |
|------------------|------------------------------|------------------|------------------------------|
| 6 | 4x10G/40G/100Gnode | 6 | 4x10G/40G/100Gnode |
| 7 | 4x10G/40G/100G node | 7 | 4x10G/40G/100G node |
| 8 | 4x10G/40G/100G node | 8 | 4x10G/40G/100G node |
| 9 | 4x10G/40G/100G node | 9 | 4x10G/40G/100G node |
| 10 | 4x10G/40G/100G node | 10 | 4x10G/40G/100G node |
| 11 | 4x10G/40G/100G node | 11 | 4x10G/40G/100G node |
| 12 | 4x10G/40G/100G node | 12 | 4x10G/40G/100G node |
| 13 | 4x10G/40G/100G node | 13 | 4x10G/40G/100G node |
| 14 | 4x10G/40G/100G node | 14 | 4x10G/40G/100G node |
| 15 | 4x10G/40G/100G node | 15 | 4x10G/40G/100G node |
| 16 | 4x10G/40G/100G node | 16 | 4x10G/40G/100G node |
| 17 | 4x10G/40G/100G node | 17 | 4x10G/40G/100G node |
| 18 | 4x10G/40G/100G node | 18 | 4x10G/40G/100G node |
| 19 | 40G/100G node 19 | 19 | 40G/100G node 19 |
| 20 | 40G/100G node 20 | 20 | 40G/100G node 20 |
| 21 | 40G/100G node 21 | 21 | 40G/100G node 21 |
| 22 | 40G/100G node 22 | 22 | 40G/100G node 22 |
| 23 | 40G/100G node 23 | 23 | 40G/100G node 23 |
| 24 | 40G/100G node 24 | 24 | 40G/100G node 24 |
| 25 through 30 | Reserved | 25 through 30 | Reserved |
| 31 | 100G ISL to switch B port 31 | 31 | 100G ISL to switch A port 31 |

| Cluster switch A | | Cluster switch B | |
|------------------|------------------------------|------------------|------------------------------|
| 32 | 100G ISL to switch B port 32 | 32 | 100G ISL to switch A port 32 |

Blank cabling worksheet

You can use the blank cabling worksheet to document the platforms that are supported as nodes in a cluster. The *Supported Cluster Connections* section of the *Hardware Universe* defines the cluster ports used by the platform.

| Cluster switch A | | Cluster switch B | |
|------------------|-----------------|------------------|-----------------|
| Switch port | Node/port usage | Switch port | Node/port usage |
| 1 | | 1 | |
| 2 | | 2 | |
| 3 | | 3 | |
| 4 | | 4 | |
| 5 | | 5 | |
| 6 | | 6 | |
| 7 | | 7 | |
| 8 | | 8 | |
| 9 | | 9 | |
| 10 | | 10 | |
| 11 | | 11 | |
| 12 | | 12 | |
| 13 | | 13 | |
| 14 | | 14 | |
| 15 | | 15 | |
| 16 | | 16 | |

| Cluster switch A | | Cluster switch B | |
|------------------|------------------------------|------------------|------------------------------|
| 17 | | 17 | |
| 18 | | 18 | |
| 19 | | 19 | |
| 20 | | 20 | |
| 21 | | 21 | |
| 22 | | 22 | |
| 23 | | 23 | |
| 24 | | 24 | |
| 25 through 30 | Reserved | 25 through 30 | Reserved |
| 31 | 100G ISL to switch B port 31 | 31 | 100G ISL to switch A port 31 |
| 32 | 100G ISL to switch B port 32 | 32 | 100G ISL to switch A port 32 |

Cisco Nexus 3132Q-V cabling worksheet

If you want to document the supported platforms, you must complete the blank cabling worksheet by using the completed sample cabling worksheet as a guide. Each switch can be configured as a single 40GbE port or 4 x 10GbE ports.

Sample cabling worksheet

The sample port definition on each pair of switches is as follows:

| Cluster switch A | | Cluster switch B | |
|------------------|---------------------|------------------|---------------------|
| Switch port | Node and port usage | Switch port | Node and port usage |
| 1 | 4x10G/40G node | 1 | 4x10G/40G node |
| 2 | 4x10G/40G node | 2 | 4x10G/40G node |
| 3 | 4x10G/40G node | 3 | 4x10G/40G node |

| Cluster switch A | | Cluster switch B | |
|------------------|----------------|------------------|----------------|
| 4 | 4x10G/40G node | 4 | 4x10G/40G node |
| 5 | 4x10G/40G node | 5 | 4x10G/40G node |
| 6 | 4x10G/40G node | 6 | 4x10G/40G node |
| 7 | 4x10G/40G node | 7 | 4x10G/40G node |
| 8 | 4x10G/40G node | 8 | 4x10G/40G node |
| 9 | 4x10G/40G node | 9 | 4x10G/40G node |
| 10 | 4x10G/40G node | 10 | 4x10G/40G node |
| 11 | 4x10G/40G node | 11 | 4x10G/40G node |
| 12 | 4x10G/40G node | 12 | 4x10G/40G node |
| 13 | 4x10G/40G node | 13 | 4x10G/40G node |
| 14 | 4x10G/40G node | 14 | 4x10G/40G node |
| 15 | 4x10G/40G node | 15 | 4x10G/40G node |
| 16 | 4x10G/40G node | 16 | 4x10G/40G node |
| 17 | 4x10G/40G node | 17 | 4x10G/40G node |
| 18 | 4x10G/40G node | 18 | 4x10G/40G node |
| 19 | 40G node 19 | 19 | 40G node 19 |
| 20 | 40G node 20 | 20 | 40G node 20 |
| 21 | 40G node 21 | 21 | 40G node 21 |
| 22 | 40G node 22 | 22 | 40G node 22 |
| 23 | 40G node 23 | 23 | 40G node 23 |
| 24 | 40G node 24 | 24 | 40G node 24 |
| 25 through 30 | Reserved | 25 through 30 | Reserved |

| Cluster switch A | | Cluster switch B | |
|------------------|-----------------------------|------------------|-----------------------------|
| 31 | 40G ISL to switch B port 31 | 31 | 40G ISL to switch A port 31 |
| 32 | 40G ISL to switch B port 32 | 32 | 40G ISL to switch A port 32 |

Blank cabling worksheet

You can use the blank cabling worksheet to document the platforms that are supported as nodes in a cluster. The *Supported Cluster Connections* section of the *Hardware Universe* defines the cluster ports used by the platform.

| Cluster switch A | | Cluster switch B | |
|------------------|-----------------|------------------|-----------------|
| Switch port | Node/port usage | Switch port | Node/port usage |
| 1 | | 1 | |
| 2 | | 2 | |
| 3 | | 3 | |
| 4 | | 4 | |
| 5 | | 5 | |
| 6 | | 6 | |
| 7 | | 7 | |
| 8 | | 8 | |
| 9 | | 9 | |
| 10 | | 10 | |
| 11 | | 11 | |
| 12 | | 12 | |
| 13 | | 13 | |
| 14 | | 14 | |
| 15 | | 15 | |

| Cluster switch A | | Cluster switch B | |
|------------------|-----------------------------|------------------|-----------------------------|
| 16 | | 16 | |
| 17 | | 17 | |
| 18 | | 18 | |
| 19 | | 19 | |
| 20 | | 20 | |
| 21 | | 21 | |
| 22 | | 22 | |
| 23 | | 23 | |
| 24 | | 24 | |
| 25 through 30 | Reserved | 25 through 30 | Reserved |
| 31 | 40G ISL to switch B port 31 | 31 | 40G ISL to switch A port 31 |
| 32 | 40G ISL to switch B port 32 | 32 | 40G ISL to switch A port 32 |

Cisco Nexus 5596UP and 5596T cabling worksheet

If you want to document the supported platforms, you must complete the blank cabling worksheet by using the completed sample cabling worksheet as a guide.

Sample cabling worksheet

Some platforms support more than one 10GbE cluster port connection per cluster interconnect switch. To support additional cluster connections, you can use ports 25 through 40, as well as ports 49 through 80 when expansion modules are installed.

The sample port definition on each pair of switches is as follows:

| Cluster switch A | | Cluster switch B | |
|------------------|---------------------|------------------|---------------------|
| Switch port | Node and port usage | Switch port | Node and port usage |
| 1 | Node port 1 | 1 | Node port 1 |

| Cluster switch A | | Cluster switch B | |
|------------------|--------------|------------------|--------------|
| 2 | Node port 2 | 2 | Node port 2 |
| 3 | Node port 3 | 3 | Node port 3 |
| 4 | Node port 4 | 4 | Node port 4 |
| 5 | Node port 5 | 5 | Node port 5 |
| 6 | Node port 6 | 6 | Node port 6 |
| 7 | Node port 7 | 7 | Node port 7 |
| 8 | Node port 8 | 8 | Node port 8 |
| 9 | Node port 9 | 9 | Node port 9 |
| 10 | Node port 10 | 10 | Node port 10 |
| 11 | Node port 11 | 11 | Node port 11 |
| 12 | Node port 12 | 12 | Node port 12 |
| 13 | Node port 13 | 13 | Node port 13 |
| 14 | Node port 14 | 14 | Node port 14 |
| 15 | Node port 15 | 15 | Node port 15 |
| 16 | Node port 16 | 16 | Node port 16 |
| 17 | Node port 17 | 17 | Node port 17 |
| 18 | Node port 18 | 18 | Node port 18 |
| 19 | Node port 19 | 19 | Node port 19 |
| 20 | Node port 20 | 20 | Node port 20 |
| 21 | Node port 21 | 21 | Node port 21 |
| 22 | Node port 22 | 22 | Node port 22 |
| 23 | Node port 23 | 23 | Node port 23 |

| Cluster switch A | | Cluster switch B | |
|------------------|-------------------------|------------------|-------------------------|
| 24 | Node port 24 | 24 | Node port 24 |
| 25 through 40 | Reserved | 25 through 40 | Reserved |
| 41 | ISL to switch B port 41 | 41 | ISL to switch A port 41 |
| 42 | ISL to switch B port 42 | 42 | ISL to switch A port 42 |
| 43 | ISL to switch B port 43 | 43 | ISL to switch A port 43 |
| 44 | ISL to switch B port 44 | 44 | ISL to switch A port 44 |
| 45 | ISL to switch B port 45 | 45 | ISL to switch A port 45 |
| 46 | ISL to switch B port 46 | 46 | ISL to switch A port 46 |
| 47 | ISL to switch B port 47 | 47 | ISL to switch A port 47 |
| 48 | ISL to switch B port 48 | 48 | ISL to switch A port 48 |

Blank cabling worksheet

You can use the blank cabling worksheet to document the platforms that are supported as nodes in a cluster. The *Supported Cluster Connections* section of the *Hardware Universe* defines the cluster ports used by the platform.



Switch ports 1 through 24 function as 10 GbE ports. Switch ports 41 through 48 are reserved for Inter-Switch Links (ISLs).

| Cluster switch A | | Cluster switch B | |
|------------------|-----------------|------------------|-----------------|
| Switch port | Node/port usage | Switch port | Node/port usage |
| 1 | | 1 | |
| 2 | | 2 | |
| 3 | | 3 | |
| 4 | | 4 | |
| 5 | | 5 | |
| 6 | | 6 | |

| Cluster switch A | | Cluster switch B | |
|------------------|-------------------------|------------------|-------------------------|
| 7 | | 7 | |
| 8 | | 8 | |
| 9 | | 9 | |
| 10 | | 10 | |
| 11 | | 11 | |
| 12 | | 12 | |
| 13 | | 13 | |
| 14 | | 14 | |
| 15 | | 15 | |
| 16 | | 16 | |
| 17 | | 17 | |
| 18 | | 18 | |
| 19 | | 19 | |
| 20 | | 20 | |
| 21 | | 21 | |
| 22 | | 22 | |
| 23 | | 23 | |
| 24 | | 24 | |
| 25 through 40 | Reserved | 25 through 40 | Reserved |
| 41 | ISL to switch B port 41 | 41 | ISL to switch A port 41 |
| 42 | ISL to switch B port 42 | 42 | ISL to switch A port 42 |
| 43 | ISL to switch B port 43 | 43 | ISL to switch A port 43 |

| Cluster switch A | | Cluster switch B | |
|------------------|-------------------------|------------------|-------------------------|
| 44 | ISL to switch B port 44 | 44 | ISL to switch A port 44 |
| 45 | ISL to switch B port 45 | 45 | ISL to switch A port 45 |
| 46 | ISL to switch B port 46 | 46 | ISL to switch A port 46 |
| 47 | ISL to switch B port 47 | 47 | ISL to switch A port 47 |
| 48 | ISL to switch B port 48 | 48 | ISL to switch A port 48 |

Sample and blank cabling worksheets

The sample cabling worksheets provide examples of recommended port assignments from the switches to the controllers. The blank worksheets provide a template that you can use in setting up your cluster.

Copyright information

Copyright © 2022 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.