

# Device: n-switch-1

- Role: Access Switch
- Site: Block N
- URL: <https://netbox.fem.tu-ilmenau.de/dcim/devices/146/>

## Networking

| Interface | Description | Mode   | MAC | Untagged VLAN | Tagged VLANs | Patched to                          | Endpoint | IP-Addresses |
|-----------|-------------|--------|-----|---------------|--------------|-------------------------------------|----------|--------------|
| A1        |             | Access |     | Block N (75)  |              | Patchpanel<br>N-Br/K/A /<br>Port 1  |          |              |
| A2        |             |        |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 9  |          |              |
| A3        |             |        |     |               |              | Patchpanel<br>N-Br/K/A /<br>Port 3  |          |              |
| A4        |             |        |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 11 |          |              |
| A5        |             |        |     |               |              | Patchpanel<br>N-Br/K/A /<br>Port 5  |          |              |
| A6        |             |        |     |               |              | Patchpanel<br>N-Br/K/C /<br>Port 1  |          |              |
| A7        |             |        |     |               |              | Patchpanel<br>N-Br/K/A /<br>Port 7  |          |              |
| A8        |             |        |     |               |              | Patchpanel<br>N-Br/K/C /<br>Port 3  |          |              |
| A9        |             |        |     |               |              | Patchpanel<br>N-Br/K/A /<br>Port 9  |          |              |
| A10       |             |        |     |               |              | Patchpanel<br>N-Br/K/C /<br>Port 5  |          |              |
| A11       |             |        |     |               |              | Patchpanel<br>N-Br/K/A /<br>Port 11 |          |              |
| A12       |             |        |     |               |              | Patchpanel<br>N-Br/K/C /<br>Port 7  |          |              |
| A13       |             |        |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 1  |          |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                         | Endpoint         | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|------------------------------------|------------------|--------------|
| A14       |             |      |     |               |              | Patchpanel N-Br/K/C / Port 9       |                  |              |
| A15       |             |      |     |               |              | Patchpanel N-Br/K/B / Port 3       |                  |              |
| A16       |             |      |     |               |              | Patchpanel N-Br/K/C / Port 11      |                  |              |
| A17       |             |      |     |               |              | Patchpanel N-Br/K/B / Port 5       |                  |              |
| A18       |             |      |     |               |              | Patchpanel N-Br/K/D / Port 1       |                  |              |
| A19       |             |      |     |               |              | Patchpanel N-Br/K/B / Port 7       |                  |              |
| A20       |             |      |     |               |              | Patchpanel N-Br/K/D / Port 3       |                  |              |
| A21       |             |      |     |               |              | Patchpanel N-Br/SM/M-Br / Port 1/2 | newdawn / 1/1/23 |              |
| A22       |             |      |     |               |              |                                    |                  |              |
| A23       |             |      |     |               |              | Patchpanel N-Br/K/E / Port 14      |                  |              |
| A24       |             |      |     |               |              |                                    |                  |              |
| B1        |             |      |     |               |              | Patchpanel N-Br/K/A / Port 13      |                  |              |
| B2        |             |      |     |               |              | Patchpanel N-Br/K/C / Port 13      |                  |              |
| B3        |             |      |     |               |              | Patchpanel N-Br/K/A / Port 15      |                  |              |
| B4        |             |      |     |               |              | Patchpanel N-Br/K/C / Port 15      |                  |              |
| B5        |             |      |     |               |              | Patchpanel N-Br/K/A / Port 17      |                  |              |
| B6        |             |      |     |               |              | Patchpanel N-Br/K/C / Port 17      |                  |              |
| B7        |             |      |     |               |              | Patchpanel N-Br/K/A / Port 19      |                  |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                          | Endpoint | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------------|----------|--------------|
| B8        |             |      |     |               |              | Patchpanel<br>N-Br/K/C /<br>Port 19 |          |              |
| B9        |             |      |     |               |              | Patchpanel<br>N-Br/K/A /<br>Port 21 |          |              |
| B10       |             |      |     |               |              | Patchpanel<br>N-Br/K/C /<br>Port 21 |          |              |
| B11       |             |      |     |               |              | Patchpanel<br>N-Br/K/A /<br>Port 23 |          |              |
| B12       |             |      |     |               |              | Patchpanel<br>N-Br/K/C /<br>Port 23 |          |              |
| B13       |             |      |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 13 |          |              |
| B14       |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 13 |          |              |
| B15       |             |      |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 15 |          |              |
| B16       |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 15 |          |              |
| B17       |             |      |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 17 |          |              |
| B18       |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 17 |          |              |
| B19       |             |      |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 19 |          |              |
| B20       |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 19 |          |              |
| B21       |             |      |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 21 |          |              |
| B22       |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 21 |          |              |
| B23       |             |      |     |               |              | Patchpanel<br>N-Br/K/B /<br>Port 23 |          |              |
| B24       |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 23 |          |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                          | Endpoint | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------------|----------|--------------|
| C1        |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 5  |          |              |
| C2        |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 5  |          |              |
| C3        |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 7  |          |              |
| C4        |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 7  |          |              |
| C5        |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 9  |          |              |
| C6        |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 9  |          |              |
| C7        |             |      |     |               |              | Patchpanel<br>N-Br/K/D /<br>Port 11 |          |              |
| C8        |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 11 |          |              |
| C9        |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 1  |          |              |
| C10       |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 1  |          |              |
| C11       |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 3  |          |              |
| C12       |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 3  |          |              |
| C13       |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 5  |          |              |
| C14       |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 5  |          |              |
| C15       |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 7  |          |              |
| C16       |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 7  |          |              |
| C17       |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 9  |          |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                          | Endpoint             | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------------|----------------------|--------------|
| C18       |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 9  |                      |              |
| C19       |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 11 |                      |              |
| C20       |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 11 |                      |              |
| C21       |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 1  |                      |              |
| C22       |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 1  |                      |              |
| C23       |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 3  |                      |              |
| C24       |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 3  |                      |              |
| D1        |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 13 | aruba-ap-n22<br>/ E0 |              |
| D2        |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 13 |                      |              |
| D3        |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 15 |                      |              |
| D4        |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 15 |                      |              |
| D5        |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 17 |                      |              |
| D6        |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 17 |                      |              |
| D7        |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 19 |                      |              |
| D8        |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 19 |                      |              |
| D9        |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 21 |                      |              |
| D10       |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 21 |                      |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                          | Endpoint | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------------|----------|--------------|
| D11       |             |      |     |               |              | Patchpanel<br>N-Br/K/E /<br>Port 23 |          |              |
| D12       |             |      |     |               |              | Patchpanel<br>N-Br/K/G /<br>Port 23 |          |              |
| D13       |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 13 |          |              |
| D14       |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 13 |          |              |
| D15       |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 15 |          |              |
| D16       |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 15 |          |              |
| D17       |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 17 |          |              |
| D18       |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 17 |          |              |
| D19       |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 19 |          |              |
| D20       |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 19 |          |              |
| D21       |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 21 |          |              |
| D22       |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 21 |          |              |
| D23       |             |      |     |               |              | Patchpanel<br>N-Br/K/F /<br>Port 23 |          |              |
| D24       |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 23 |          |              |
| E1        |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 5  |          |              |
| E2        |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 5  |          |              |
| E3        |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 7  |          |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                          | Endpoint | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------------|----------|--------------|
| E4        |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 7  |          |              |
| E5        |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 9  |          |              |
| E6        |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 9  |          |              |
| E7        |             |      |     |               |              | Patchpanel<br>N-Br/K/H /<br>Port 11 |          |              |
| E8        |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 11 |          |              |
| E9        |             |      |     |               |              | Patchpanel<br>N-Br/K/I /<br>Port 1  |          |              |
| E10       |             |      |     |               |              | Patchpanel<br>N-Br/K/K /<br>Port 1  |          |              |
| E11       |             |      |     |               |              | Patchpanel<br>N-Br/K/I /<br>Port 3  |          |              |
| E12       |             |      |     |               |              | Patchpanel<br>N-Br/K/K /<br>Port 3  |          |              |
| E13       |             |      |     |               |              | Patchpanel<br>N-Br/K/I /<br>Port 5  |          |              |
| E14       |             |      |     |               |              | Patchpanel<br>N-Br/K/K /<br>Port 5  |          |              |
| E15       |             |      |     |               |              | Patchpanel<br>N-Br/K/I /<br>Port 7  |          |              |
| E16       |             |      |     |               |              | Patchpanel<br>N-Br/K/K /<br>Port 7  |          |              |
| E17       |             |      |     |               |              | Patchpanel<br>N-Br/K/I /<br>Port 9  |          |              |
| E18       |             |      |     |               |              | Patchpanel<br>N-Br/K/K /<br>Port 9  |          |              |
| E19       |             |      |     |               |              | Patchpanel<br>N-Br/K/I /<br>Port 11 |          |              |
| E20       |             |      |     |               |              | Patchpanel<br>N-Br/K/K /<br>Port 11 |          |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                    | Endpoint          | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------|-------------------|--------------|
| E21       |             |      |     |               |              | Patchpanel N-Br/K/J / Port 1  |                   |              |
| E22       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 1  |                   |              |
| E23       |             |      |     |               |              | Patchpanel N-Br/K/J / Port 3  |                   |              |
| E24       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 3  | aruba-ap-n01 / E0 |              |
| F1        |             |      |     |               |              | Patchpanel N-Br/K/I / Port 15 |                   |              |
| F2        |             |      |     |               |              | Patchpanel N-Br/K/K / Port 13 |                   |              |
| F3        |             |      |     |               |              | Patchpanel N-Br/K/I / Port 13 |                   |              |
| F4        |             |      |     |               |              | Patchpanel N-Br/K/K / Port 15 |                   |              |
| F5        |             |      |     |               |              | Patchpanel N-Br/K/I / Port 17 |                   |              |
| F6        |             |      |     |               |              | Patchpanel N-Br/K/K / Port 17 |                   |              |
| F7        |             |      |     |               |              | Patchpanel N-Br/K/I / Port 19 |                   |              |
| F8        |             |      |     |               |              | Patchpanel N-Br/K/K / Port 19 |                   |              |
| F9        |             |      |     |               |              | Patchpanel N-Br/K/I / Port 21 |                   |              |
| F10       |             |      |     |               |              | Patchpanel N-Br/K/K / Port 21 |                   |              |
| F11       |             |      |     |               |              | Patchpanel N-Br/K/I / Port 23 |                   |              |
| F12       |             |      |     |               |              | Patchpanel N-Br/K/K / Port 23 |                   |              |
| F13       |             |      |     |               |              | Patchpanel N-Br/K/J / Port 13 |                   |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                          | Endpoint             | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------------|----------------------|--------------|
| F14       |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 13 | aruba-ap-n11<br>/ E0 |              |
| F15       |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 15 |                      |              |
| F16       |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 15 | aruba-ap-n13<br>/ E0 |              |
| F17       |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 17 |                      |              |
| F18       |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 17 | aruba-ap-n15<br>/ E0 |              |
| F19       |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 19 |                      |              |
| F20       |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 19 | aruba-ap-n17<br>/ E0 |              |
| F21       |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 21 |                      |              |
| F22       |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 21 | aruba-ap-n19<br>/ E0 |              |
| F23       |             |      |     |               |              | Patchpanel<br>N-Br/K/J /<br>Port 23 |                      |              |
| F24       |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 24 | aruba-ap-n21<br>/ E0 |              |
| G1        |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 5  | aruba-ap-n03<br>/ E0 |              |
| G2        |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 16 | aruba-ap-n14<br>/ E0 |              |
| G3        |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 7  | aruba-ap-n05<br>/ E0 |              |
| G4        |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 18 | aruba-ap-n16<br>/ E0 |              |
| G5        |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 9  | aruba-ap-n07<br>/ E0 |              |
| G6        |             |      |     |               |              | Patchpanel<br>N-Br/K/L /<br>Port 20 | aruba-ap-n18<br>/ E0 |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                    | Endpoint          | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------|-------------------|--------------|
| G7        |             |      |     |               |              | Patchpanel N-Br/K/L / Port 11 | aruba-ap-n09 / E0 |              |
| G8        |             |      |     |               |              | Patchpanel N-Br/K/L / Port 22 | aruba-ap-n20 / E0 |              |
| G9        |             |      |     |               |              |                               |                   |              |
| G10       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 23 |                   |              |
| G11       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 4  | aruba-ap-n02 / E0 |              |
| G12       |             |      |     |               |              | ritalin / IPMI                | ritalin / IPMI    |              |
| G13       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 6  | aruba-ap-n04 / E0 |              |
| G14       |             |      |     |               |              | Patchpanel N-Br/K/C / Port 2  | aruba-ap-n24 / E0 |              |
| G15       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 8  | aruba-ap-n06 / E0 |              |
| G16       |             |      |     |               |              | Patchpanel N-Br/K/J / Port 20 |                   |              |
| G17       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 10 | aruba-ap-n08 / E0 |              |
| G18       |             |      |     |               |              | Patchpanel N-Br/K/D / Port 14 |                   |              |
| G19       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 12 | aruba-ap-n10 / E0 |              |
| G20       |             |      |     |               |              |                               |                   |              |
| G21       |             |      |     |               |              | Patchpanel N-Br/K/L / Port 14 | aruba-ap-n12 / E0 |              |
| G22       |             |      |     |               |              |                               |                   |              |
| G23       |             |      |     |               |              | aruba-ap-n23 / E0             | aruba-ap-n23 / E0 |              |
| G24       |             |      |     |               |              |                               |                   |              |
| H1        |             |      |     |               |              |                               |                   |              |
| H2        |             |      |     |               |              |                               |                   |              |
| H3        |             |      |     |               |              |                               |                   |              |
| H4        |             |      |     |               |              |                               |                   |              |
| H5        |             |      |     |               |              |                               |                   |              |
| H6        |             |      |     |               |              |                               |                   |              |

| Interface                   | Description | Mode   | MAC | Untagged VLAN   | Tagged VLANs | Patched to | Endpoint | IP-Addresses  |
|-----------------------------|-------------|--------|-----|-----------------|--------------|------------|----------|---------------|
| H7                          |             |        |     |                 |              |            |          |               |
| H8                          |             |        |     |                 |              |            |          |               |
| H9                          |             |        |     |                 |              |            |          |               |
| H10                         |             |        |     |                 |              |            |          |               |
| H11                         |             |        |     |                 |              |            |          |               |
| H12                         |             |        |     |                 |              |            |          |               |
| H13                         |             |        |     |                 |              |            |          |               |
| H14                         |             |        |     |                 |              |            |          |               |
| H15                         |             |        |     |                 |              |            |          |               |
| H16                         |             |        |     |                 |              |            |          |               |
| H17                         |             |        |     |                 |              |            |          |               |
| H18                         |             |        |     |                 |              |            |          |               |
| H19                         |             |        |     |                 |              |            |          |               |
| H20                         |             |        |     |                 |              |            |          |               |
| H21                         |             |        |     |                 |              |            |          |               |
| H22                         |             |        |     |                 |              |            |          |               |
| H23                         |             |        |     |                 |              |            |          |               |
| H24                         |             |        |     |                 |              |            |          |               |
| Out Of Band Management Port |             |        |     |                 |              |            |          |               |
| vlan81                      |             | Access |     | Management (81) |              |            |          | 10.42.52.1/16 |

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