

# Device: k-switch-2

- Role: Access Switch
- Site: Block K
- URL: <https://netbox.fem.tu-ilmenau.de/dcim/devices/532/>

## Networking

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to | Endpoint | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|------------|----------|--------------|
| A1        |             |      |     |               |              |            |          |              |
| A2        |             |      |     |               |              |            |          |              |
| A3        |             |      |     |               |              |            |          |              |
| A4        |             |      |     |               |              |            |          |              |
| A5        |             |      |     |               |              |            |          |              |
| A6        |             |      |     |               |              |            |          |              |
| A7        |             |      |     |               |              |            |          |              |
| A8        |             |      |     |               |              |            |          |              |
| A9        |             |      |     |               |              |            |          |              |
| A10       |             |      |     |               |              |            |          |              |
| A11       |             |      |     |               |              |            |          |              |
| A12       |             |      |     |               |              |            |          |              |
| A13       |             |      |     |               |              |            |          |              |
| A14       |             |      |     |               |              |            |          |              |
| A15       |             |      |     |               |              |            |          |              |
| A16       |             |      |     |               |              |            |          |              |
| A17       |             |      |     |               |              |            |          |              |
| A18       |             |      |     |               |              |            |          |              |
| A19       |             |      |     |               |              |            |          |              |
| A20       |             |      |     |               |              |            |          |              |
| A21       |             |      |     |               |              |            |          |              |
| A22       |             |      |     |               |              |            |          |              |
| A23       |             |      |     |               |              |            |          |              |
| A24       |             |      |     |               |              |            |          |              |
| B1        |             |      |     |               |              |            |          |              |
| B2        |             |      |     |               |              |            |          |              |
| B3        |             |      |     |               |              |            |          |              |
| B4        |             |      |     |               |              |            |          |              |
| B5        |             |      |     |               |              |            |          |              |
| B6        |             |      |     |               |              |            |          |              |
| B7        |             |      |     |               |              |            |          |              |
| B8        |             |      |     |               |              |            |          |              |
| B9        |             |      |     |               |              |            |          |              |
| B10       |             |      |     |               |              |            |          |              |
| B11       |             |      |     |               |              |            |          |              |
| B12       |             |      |     |               |              |            |          |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to                    | Endpoint         | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|-------------------------------|------------------|--------------|
| B13       |             |      |     |               |              |                               |                  |              |
| B14       |             |      |     |               |              |                               |                  |              |
| B15       |             |      |     |               |              |                               |                  |              |
| B16       |             |      |     |               |              |                               |                  |              |
| B17       |             |      |     |               |              |                               |                  |              |
| B18       |             |      |     |               |              |                               |                  |              |
| B19       |             |      |     |               |              |                               |                  |              |
| B20       |             |      |     |               |              |                               |                  |              |
| B21       |             |      |     |               |              | K-Br-4c/MM/K-Br-4a / Port 1/2 | newdawn / 1/1/36 |              |
| B22       |             |      |     |               |              | K-Br-4c/SM/K-Br-2c / Port 1/2 | k-switch-1 / B21 |              |
| C1        |             |      |     |               |              |                               |                  |              |
| C2        |             |      |     |               |              |                               |                  |              |
| C3        |             |      |     |               |              |                               |                  |              |
| C4        |             |      |     |               |              |                               |                  |              |
| C5        |             |      |     |               |              |                               |                  |              |
| C6        |             |      |     |               |              |                               |                  |              |
| C7        |             |      |     |               |              |                               |                  |              |
| C8        |             |      |     |               |              |                               |                  |              |
| C9        |             |      |     |               |              |                               |                  |              |
| C10       |             |      |     |               |              |                               |                  |              |
| C11       |             |      |     |               |              |                               |                  |              |
| C12       |             |      |     |               |              |                               |                  |              |
| C13       |             |      |     |               |              |                               |                  |              |
| C14       |             |      |     |               |              |                               |                  |              |
| C15       |             |      |     |               |              |                               |                  |              |
| C16       |             |      |     |               |              |                               |                  |              |
| C17       |             |      |     |               |              |                               |                  |              |
| C18       |             |      |     |               |              |                               |                  |              |
| C19       |             |      |     |               |              |                               |                  |              |
| C20       |             |      |     |               |              |                               |                  |              |
| C21       |             |      |     |               |              |                               |                  |              |
| C22       |             |      |     |               |              |                               |                  |              |
| C23       |             |      |     |               |              |                               |                  |              |
| C24       |             |      |     |               |              |                               |                  |              |
| D1        |             |      |     |               |              |                               |                  |              |
| D2        |             |      |     |               |              |                               |                  |              |
| D3        |             |      |     |               |              |                               |                  |              |
| D4        |             |      |     |               |              |                               |                  |              |
| D5        |             |      |     |               |              |                               |                  |              |
| D6        |             |      |     |               |              |                               |                  |              |
| D7        |             |      |     |               |              |                               |                  |              |
| D8        |             |      |     |               |              |                               |                  |              |
| D9        |             |      |     |               |              |                               |                  |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to | Endpoint | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|------------|----------|--------------|
| D10       |             |      |     |               |              |            |          |              |
| D11       |             |      |     |               |              |            |          |              |
| D12       |             |      |     |               |              |            |          |              |
| D13       |             |      |     |               |              |            |          |              |
| D14       |             |      |     |               |              |            |          |              |
| D15       |             |      |     |               |              |            |          |              |
| D16       |             |      |     |               |              |            |          |              |
| D17       |             |      |     |               |              |            |          |              |
| D18       |             |      |     |               |              |            |          |              |
| D19       |             |      |     |               |              |            |          |              |
| D20       |             |      |     |               |              |            |          |              |
| D21       |             |      |     |               |              |            |          |              |
| D22       |             |      |     |               |              |            |          |              |
| D23       |             |      |     |               |              |            |          |              |
| D24       |             |      |     |               |              |            |          |              |
| E1        |             |      |     |               |              |            |          |              |
| E2        |             |      |     |               |              |            |          |              |
| E3        |             |      |     |               |              |            |          |              |
| E4        |             |      |     |               |              |            |          |              |
| E5        |             |      |     |               |              |            |          |              |
| E6        |             |      |     |               |              |            |          |              |
| E7        |             |      |     |               |              |            |          |              |
| E8        |             |      |     |               |              |            |          |              |
| E9        |             |      |     |               |              |            |          |              |
| E10       |             |      |     |               |              |            |          |              |
| E11       |             |      |     |               |              |            |          |              |
| E12       |             |      |     |               |              |            |          |              |
| E13       |             |      |     |               |              |            |          |              |
| E14       |             |      |     |               |              |            |          |              |
| E15       |             |      |     |               |              |            |          |              |
| E16       |             |      |     |               |              |            |          |              |
| E17       |             |      |     |               |              |            |          |              |
| E18       |             |      |     |               |              |            |          |              |
| E19       |             |      |     |               |              |            |          |              |
| E20       |             |      |     |               |              |            |          |              |
| E21       |             |      |     |               |              |            |          |              |
| E22       |             |      |     |               |              |            |          |              |
| E23       |             |      |     |               |              |            |          |              |
| E24       |             |      |     |               |              |            |          |              |
| F1        |             |      |     |               |              |            |          |              |
| F2        |             |      |     |               |              |            |          |              |
| F3        |             |      |     |               |              |            |          |              |
| F4        |             |      |     |               |              |            |          |              |
| F5        |             |      |     |               |              |            |          |              |
| F6        |             |      |     |               |              |            |          |              |
| F7        |             |      |     |               |              |            |          |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to             | Endpoint | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|------------------------|----------|--------------|
| F8        |             |      |     |               |              |                        |          |              |
| F9        |             |      |     |               |              |                        |          |              |
| F10       |             |      |     |               |              |                        |          |              |
| F11       |             |      |     |               |              |                        |          |              |
| F12       |             |      |     |               |              |                        |          |              |
| F13       |             |      |     |               |              |                        |          |              |
| F14       |             |      |     |               |              |                        |          |              |
| F15       |             |      |     |               |              |                        |          |              |
| F16       |             |      |     |               |              |                        |          |              |
| F17       |             |      |     |               |              |                        |          |              |
| F18       |             |      |     |               |              |                        |          |              |
| F19       |             |      |     |               |              |                        |          |              |
| F20       |             |      |     |               |              |                        |          |              |
| F21       |             |      |     |               |              |                        |          |              |
| F22       |             |      |     |               |              |                        |          |              |
| F23       |             |      |     |               |              |                        |          |              |
| F24       |             |      |     |               |              |                        |          |              |
| G1        |             |      |     |               |              |                        |          |              |
| G2        |             |      |     |               |              |                        |          |              |
| G3        |             |      |     |               |              |                        |          |              |
| G4        |             |      |     |               |              |                        |          |              |
| G5        |             |      |     |               |              |                        |          |              |
| G6        |             |      |     |               |              |                        |          |              |
| G7        |             |      |     |               |              |                        |          |              |
| G8        |             |      |     |               |              |                        |          |              |
| G9        |             |      |     |               |              |                        |          |              |
| G10       |             |      |     |               |              |                        |          |              |
| G11       |             |      |     |               |              |                        |          |              |
| G12       |             |      |     |               |              |                        |          |              |
| G13       |             |      |     |               |              |                        |          |              |
| G14       |             |      |     |               |              |                        |          |              |
| G15       |             |      |     |               |              |                        |          |              |
| G16       |             |      |     |               |              |                        |          |              |
| G17       |             |      |     |               |              |                        |          |              |
| G18       |             |      |     |               |              |                        |          |              |
| G19       |             |      |     |               |              |                        |          |              |
| G20       |             |      |     |               |              |                        |          |              |
| G21       |             |      |     |               |              |                        |          |              |
| G22       |             |      |     |               |              | K-Br-4c/K/13 / Port 13 |          |              |
| G23       |             |      |     |               |              |                        |          |              |
| G24       |             |      |     |               |              | K-Br-4c/K/13 / Port 14 |          |              |
| H1        |             |      |     |               |              | K-Br-4c/K/13 / Port 15 |          |              |

| Interface | Description | Mode | MAC | Untagged VLAN | Tagged VLANs | Patched to             | Endpoint | IP-Addresses |
|-----------|-------------|------|-----|---------------|--------------|------------------------|----------|--------------|
| H2        |             |      |     |               |              | K-Br-4c/K/13 / Port 16 |          |              |
| H3        |             |      |     |               |              | K-Br-4c/K/13 / Port 17 |          |              |
| H4        |             |      |     |               |              | K-Br-4c/K/13 / Port 18 |          |              |
| H5        |             |      |     |               |              | K-Br-4c/K/13 / Port 19 |          |              |
| H6        |             |      |     |               |              | K-Br-4c/K/13 / Port 20 |          |              |
| H7        |             |      |     |               |              | K-Br-4c/K/13 / Port 21 |          |              |
| H8        |             |      |     |               |              | K-Br-4c/K/13 / Port 22 |          |              |
| H9        |             |      |     |               |              |                        |          |              |
| H10       |             |      |     |               |              |                        |          |              |
| H11       |             |      |     |               |              |                        |          |              |
| H12       |             |      |     |               |              |                        |          |              |
| H13       |             |      |     |               |              |                        |          |              |
| H14       |             |      |     |               |              |                        |          |              |
| H15       |             |      |     |               |              |                        |          |              |
| H16       |             |      |     |               |              |                        |          |              |
| H17       |             |      |     |               |              |                        |          |              |
| H18       |             |      |     |               |              |                        |          |              |
| H19       |             |      |     |               |              |                        |          |              |
| H20       |             |      |     |               |              |                        |          |              |
| H21       |             |      |     |               |              |                        |          |              |
| H22       |             |      |     |               |              |                        |          |              |
| H23       |             |      |     |               |              |                        |          |              |
| H24       |             |      |     |               |              |                        |          |              |
| I1        |             |      |     |               |              |                        |          |              |
| I2        |             |      |     |               |              |                        |          |              |
| I3        |             |      |     |               |              |                        |          |              |
| I4        |             |      |     |               |              |                        |          |              |
| I5        |             |      |     |               |              |                        |          |              |
| I6        |             |      |     |               |              |                        |          |              |
| I7        |             |      |     |               |              |                        |          |              |
| I8        |             |      |     |               |              |                        |          |              |
| I9        |             |      |     |               |              |                        |          |              |
| I10       |             |      |     |               |              |                        |          |              |
| I11       |             |      |     |               |              |                        |          |              |
| I12       |             |      |     |               |              |                        |          |              |
| I13       |             |      |     |               |              |                        |          |              |
| I14       |             |      |     |               |              |                        |          |              |
| I15       |             |      |     |               |              |                        |          |              |
| I16       |             |      |     |               |              |                        |          |              |
| I17       |             |      |     |               |              |                        |          |              |

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| Interface | Description | Mode   | MAC | Untagged VLAN   | Tagged VLANs | Patched to | Endpoint | IP-Addresses  |
|-----------|-------------|--------|-----|-----------------|--------------|------------|----------|---------------|
| I18       |             |        |     |                 |              |            |          |               |
| I19       |             |        |     |                 |              |            |          |               |
| I20       |             |        |     |                 |              |            |          |               |
| I21       |             |        |     |                 |              |            |          |               |
| I22       |             |        |     |                 |              |            |          |               |
| I23       |             |        |     |                 |              |            |          |               |
| I24       |             |        |     |                 |              |            |          |               |
| vlan81    |             | Access |     | Management (81) |              |            |          | 10.42.43.2/16 |

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