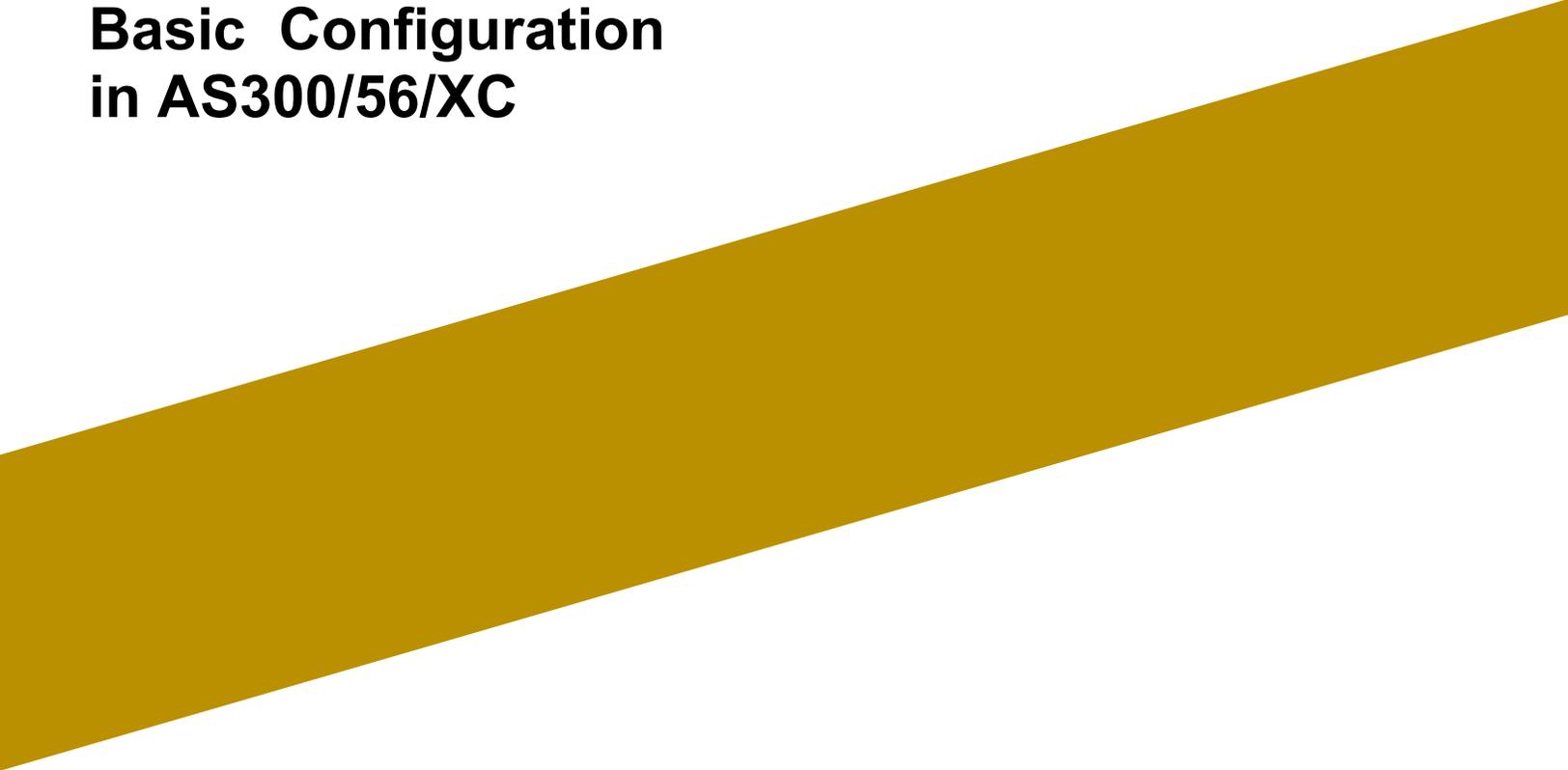


**Alpha Bridge  
Basic Configuration  
in AS300/56/XC**



## Basic Configuration for AS300/56/XC using Console port

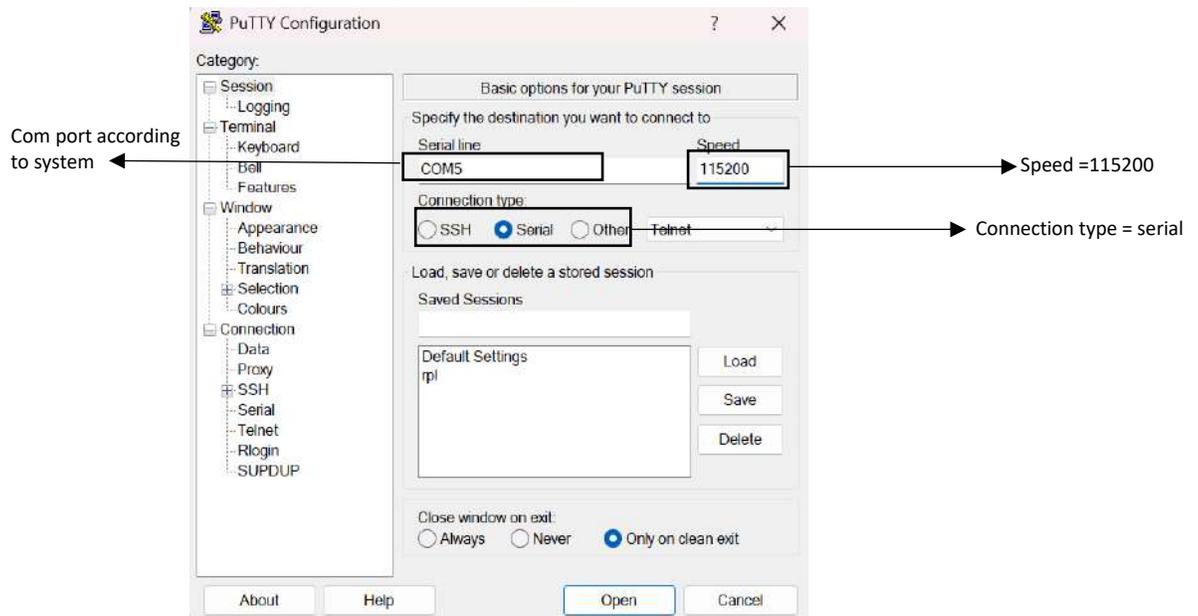
### Login via the Console Port:

- The **console port** is located on the **back side** of the switch.
- Connect your **local PC** to the switch's console port using a **serial cable**.
- Use **PuTTY** (or any terminal emulator) to access the switch through the console.
- In PuTTY:

Connection type: Serial

Speed (baud rate): 115200

Serial line: As per your system (e.g., COM3)



## Switch Configuration (AS300/56/XC)

### Step 1 – Enter Privileged and Global Configuration Mode

```
enable      # Enter privileged mode
config     # Enter global configuration mode
```

### Step 2 – Create VLAN

```
vlan <vlan_id> # Create a VLAN (replace <vlan_id> with the VLAN number)
exit
```

**Step 3 – Assign IP Address to VLAN**

```
interface vlan <vlan_id>  
ip address X.X.X.X/X # Assign an IP address to the VLAN, e.g., 192.168.0.10/24  
exit
```

**Step 4 – Create Username and Password**

```
username admin group administrators password admin@123# simple  
# Note: By default, the switch has no username or password. Use the console to create one if  
required. Replace the admin and admin@123# with the username and password as per requirement.
```

**Step 5 – Assign IP Address to Management Port**

```
interface mgt-eth 0/0/0  
ip address X.X.X.X/X # Assign an IP address to the management port, e.g., 192.168.0.10/24
```

**Step 6 – Configure Access Ports****For 10G interfaces:**

```
interface 10gigaethernet 1/0/x  
port link-type access  
port default vlan <vlan_id>
```

**For 100G interfaces:**

```
interface 100gigaethernet 1/1/x  
port link-type access  
port default vlan <vlan_id>
```

**Step 7 – Configure Trunk Ports****For 10G interfaces:**

```
interface 10gigaethernet 1/0/x  
port link-type trunk  
port trunk allow-pass vlan <vlan_id>
```

**For 100G interfaces:**

```
interface 100gigaethernet 1/1/x  
port link-type trunk  
port trunk allow-pass vlan <vlan_id>
```

**Notes:**

- Replace <vlan\_id> and X.X.X.X/X with actual VLAN IDs and IP addresses.

- Use the correct interface numbers as per your hardware configuration.
- Save the configuration after making changes.

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