Scenario:

Segmentation into two VLANs with common access zone area (Area vlan1 gateway and servers).



Step 1 -Asymmetric VLAN configuration (Asymmetric VLAN) on the switch.

L2 Features > Asymmetric VLAN Enable asymmetric VLAN

| Fuzzy Search | Asymmetric VLAN | |
|--|---|-------|
| DGS-1510-28 System Management FDB FDB FVLAN P SO2.10 VLAN GVRP GVRP GAsymmetric VLAN SO2.00 VLAN GOVRP GASymmetric VLAN SO2.00 VLAN GOVRP GASYMMetric VLAN SO2.00 VLAN GOVRP GO | Asymmetric VLAN Asymmetric VLAN State ©Enabled ©Disabled | Apply |

Step 2 -Creating VLANs.

Define VLANs:

L2 Features > VLAN > 802.1Q VLAN VLAN ID add and edit the name

| Fuzzy Search | 802.10 VLA | N | | | | | _ |
|--|--------------------------|-----------------------------------|---------------------|---------------------------------------|-----------|------|------------------|
| Bostem Bostem Bostem Bostem Bostem Construction | VID List | 3 or 2-5 | | | Apply | | Delete |
| FD8 VLAN SO210 VLAN GVRP GVRP | Find VLAN VID (1-409- | 4) | | | Find | | View All |
| ANYTHING C VLMM | Total Entrie | s: 3 | | | | | |
| VLAN Interface | TOTAL | | | | | | |
| VLAN Interface Auto Surveillance VL4 | VID | VLAN Name | Tagged Member Ports | Untagged Member Ports | VLAN Type | | |
| VLAN Interface Auto Surveillance VL/ Solution VL/ Solution VL/ Solution VLAN | VID 1 | VLAN Name comun | Tagged Member Ports | Untagged Member Ports 1/0/1-1/0/28 | VLAN Type | Edit | Delete |
| VLAN Interface Mato Surveillance VL# Mole VLAN STP Loopback Detection | VID 1 2 | VLAN Name comun corporativa | Tagged Member Ports | Untagged Member Ports 1/0/1-1/0/28 | VLAN Type | Edit | Delete Delete |

Step 3 - In each port edit the properties of the VLANs.

L2 Features > VLAN > VLAN Interface

Step 3.1 -PORTS FOR COMMON EQUIPMENT – i.e. routers, printers, etc.

| Fuzzy Search | Configure VLAN Inter | face |
|---|----------------------------|---------------------|
| DGS-1510-28 | Configure VLAN Interface - | |
| System Management | Port | eth1/0/1 |
| E 📁 L2 Features | VLAN Mode | Hybrid |
| E DB | Acceptable Frame | Admit All |
| - 📄 802.10 VLAN | Ingress Checking | Enabled O Disabled |
| € GVRP | Native VLAN | Vative VLAN |
| VLAN Interface | VID (1-4094) | 1 |
| | Action | Add |
| 🗈 📁 Voice VLAN | Add Mode | O Untagged C Tagged |
| STP S | Allowed VLAN Range | 1,2,3 |

Step 3.2 - PORTS VLAN2 (CORPORATE).

| Fuzzy Search | Configure VLAN Inter | face |
|---------------------------|----------------------------|--------------------|
| DGS-1510-28 | Configure VLAN Interface - | |
| Đ 📁 Management | Port | eth1/0/3 |
| L2 Features EDB | VLAN Mode | Hybrid 💌 |
| C VLAN | Acceptable Frame | Admit All |
| 📄 802.1Q VLAN | Ingress Checking | Enabled O Disabled |
| GVRP Asymmetric VI AN | Native VLAN | Vative VLAN |
| VLAN Interface | VID (1-4094) | 2 |
| Auto Surveillance VL4 | Action | Add |
| Voice VLAN STP | Add Mode | Ontagged Tagged |
| Loopback Detection | Allowed VLAN Range | 1.2 |

Step 3.3 - PORTS VLAN3 (GUEST).

| Fuzzy Search | Configure VLAN Inter | face |
|------------------------------|----------------------------|--------------------|
| DGS-1510-28 | Configure VLAN Interface — | |
| ● j System ● j Management | Port | eth1/0/15 |
| E 🎾 L2 Features | VLAN Mode | Hybrid |
| E FDB | Acceptable Frame | Admit All |
| 802.10 VLAN | Ingress Checking | Enabled O Disabled |
| € GVRP | Native VLAN | Vlative VLAN |
| Asymmetric VLAN | VID (1-4094) | 3 |
| | Action | Add |
| Soice VLAN | Add Mode | Outagged Tagged |
| E STP Coopback Detection | Allowed VLAN Range | 1.3 |