**Port Scanner Demonstration**

VM1 (Ubuntu) Network Configuration

A screenshot of a computer

Description automatically generated

VM2 (Windows Server) Network Configuration

A screenshot of a computer

Description automatically generated

VM3 (Kali Linux) Network Configuration

A screenshot of a computer

Description automatically generated

**Socket Client Server Demo**

Server Start

A computer screen shot of a program code

Description automatically generated

Client Interactions

A screenshot of a computer screen

Description automatically generated

**Datagram Client Server Demo**

Client Server Interactions

A screenshot of a computer program

Description automatically generated

**Datagram Multicast Client Server Demo**

Client Server Interactions

A screenshot of a computer

Description automatically generated