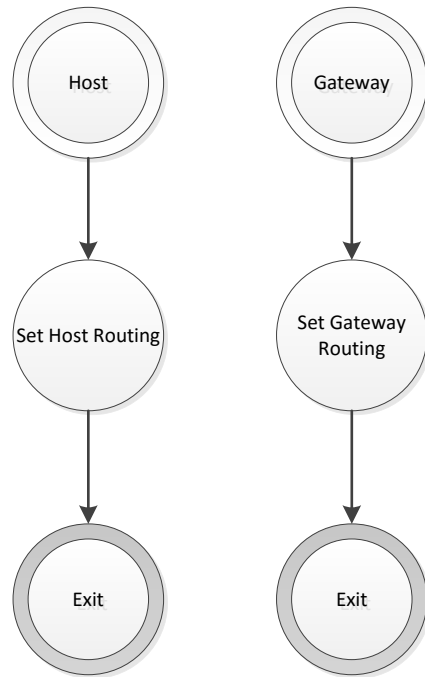


HOST / GATEWAY



STATES

Set Host Routing

```
{  
    Read User Define Variables  
    Set selected DNS servers  
    Set firewall interface up  
    Set network interface down  
    Set desired IP address  
    Set desired routing gateway.  
}
```

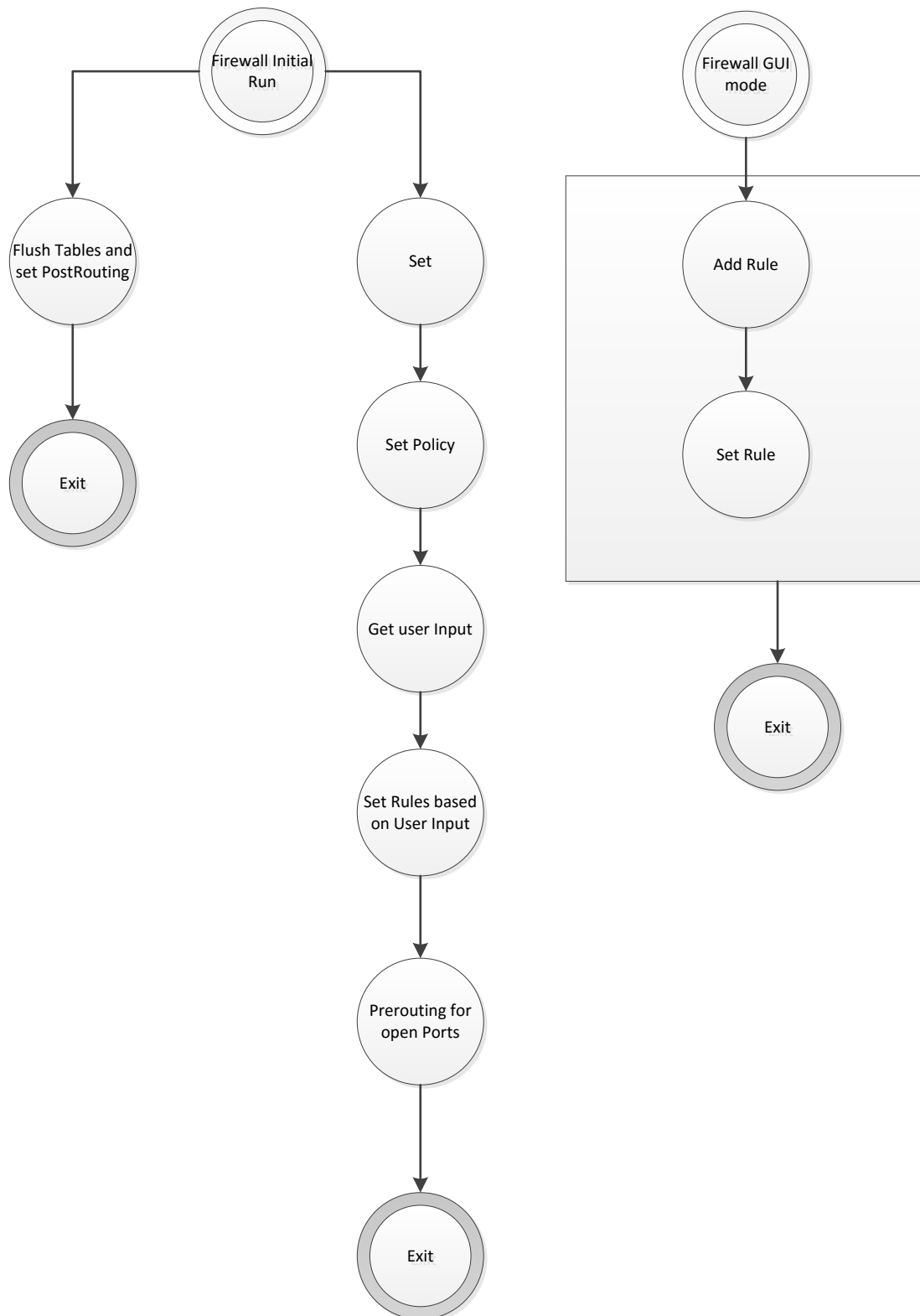
Set Gateway Routing

```
{  
    Read User Define Variables  
    Set selected DNS servers  
    Set firewall interface up  
    Set desired IP address  
    Set Post Routing on Nat table.  
}
```

Exit

```
{  
    Script exists  
}
```

FIREWALL



STATES

Flush Tables

```
{  
    Will flush all tables as well as user created chains  
    Set post routing for client.  
}
```

Set

```
{  
    Will start the set up for the Firewall  
}
```

Set Policy

```
{  
    To drop on INPUT, FORWARD, OUTPUT  
}
```

Get User Input

```
{  
    Interfaces selected  
    Client and firewall addresses  
    TCP permissions  
    UDP permission  
    ICM Permissions  
    Special ports, DNS servers and DHCP.  
}
```

Set Rules

```
{  
    Set all the permissions for selected ports based on Inbound or outbound rules in the FORWARD  
    TABLE  
}
```

Pre routing for Open Ports

```
{  
    If the port is open for inbound or outbound connections the data received from/to the selected  
    port has to be routed to the client.  
}
```

Exit

```
{  
    Script exists  
    GUI Window Closes  
}
```

GUI

GUI mode

```
{  
    Pull data from tables.  
    User can see the chains as well as the rules for each chain  
}
```

Add rule

```
{  
    User can select a port to open/close in inbound / outbound mode  
    Select a ICMP type to accept/drop in inbound/outbound mode  
}
```

Set Rule

```
{  
    Rule gets applied into its respective table.  
}
```