RELEASE - MODUL C - Infrastructure Programmability & Automation

Bastion

/etc/ansible
.vault_pass

```
Secret123
```

customers.json

```json
[
    {
        "name": "Art Fade",
        "domain_prefix": "art",
        "username": "designer1",
        "password": "a$sd21aldGm-3A",
        "message": "Welcome to my art site"
    },
    {
        "name": "Management Corporation",
        "domain_prefix": "management",
        "username": "admin-mgr",
        "password": "SecureManagPassword$123",
        "message": "Management Corporation Website - Please contact
manager@management.customer.com for more infos"
    },
    {
        "name": "Transport Bus Stations",
        "domain_prefix": "transport",
        "username": "transport-admin",
        "password": "FastFromA-to-B4",
        "message": "This site is currently under maintenance. Please visit later"
    },
    {
        "name": "Wood Works",
        "domain_prefix": "wood",
        "username": "daniel",
        "password": "Wo_Do_Wood_Work1",
        "message": "Are you looking for a carpenter? Please hire us via
info@woodworks.com"
    },
    {
        "name": "Smart Fitness",
        "domain_prefix": "fit",
        "username": "sport-man-1",
        "password": "WorkOut36$13",
        "message": "We will get your fitness to the next level, visit us at baker street 5 in
california"
    }
```

```
        }
]
```

hosts

```
all:
  hosts:
    #Linux Hosts
    LIN1:
      ansible_host: 10.22.0.1
      hostname: "LKSN-LINUXHOST-001"
      webcolor: "blue"
    LIN2:
      ansible_host: 10.22.0.2
      hostname: "LKSN-LINUXHOST-002"
      webcolor: "green"
    LIN3:
      ansible_host: 10.22.0.3
      hostname: "LKSN-LINUXHOST-003"
      webcolor: "yellow"
    #Windows Hosts
    WIN:
      ansible_host: 10.22.0.101
      hostname: "PETER"
  children:
    linux:
      children:
        web:
          hosts:
            LIN1:
            LIN3:
          vars:
            webport: "8000"
        ha:
          hosts:
            LIN3:
            LIN2:
            LIN4:
        dns:
          hosts:
            LIN1:
            LIN2:
    windows:
      vars:
        ansible_connection: winrm
        ansible_port: 5985
      children:
        dc:
          hosts:
            WIN:
        iis:
          hosts:
            WIN:
```

users.csv

```
uid;username;password;home
1105;noah;prq7mawtDn;/home/noah
1194;isabella;Fwas6EMQJy;/home/isabella
1310;michael;2C6AwEK38t;/home/michael
1547;sofia;9rTBZQ4A6c;/home/sofia
2241;mason;GuXYJz5g2p;/home/mason
2247;levi;uRVeyjx9kq;/home/levi
2272;jackson;5HyVqvwC9K;/home/jackson
2640;lucas;AUcQmY6nRC;/home/lucas
2889;elizabeth;vqLdR6mKAy;/home/elizabeth
2901;mia;N9EnBbdhLe;/home/mia
2944;gianna;DkTK5WyuMC;/home/gianna
3369;alexander;rDnkzd27y8;/home/alexander
3843;charlotte;k3CBSWRJF4;/home/charlotte
3879;ava;Cr2QkgPR4H;/home/ava
3980;abigail;A5QCDrRcmb;/home/abigail
4217;emma;KhugUQT3dr;/home/emma
4303;samuel;3RVPaCxfcq;/home/samuel
4682;sebastian;eGE2Vf7BX3;/home/sebastian
4890;eleanor;A6rbEYkt5P;/home/eleanor
4901;emily;teCBbg29WV;/home/emily
5118;ella;XEbC3nxzRY;/home/ella
5426;logan;9BdbqazZ8n;/home/logan
5872;penelope;be5URp3zaL;/home/penelope
5885;henry;juPq9C4s3T;/home/henry
5901;william;vywsW7jBaU;/home/william
5960;jack;7RYs3yVvgF;/home/jack
6029;harper;3NYksUP2Wp;/home/harper
6294;mateo;QezHdAjBE8;/home/mateo
6361;avery;DW2yp8auJC;/home/avery
6381;aria;4pxv7GAtmP;/home/aria
6557;asher;JtAd9CqBZg;/home/asher
6745;daniel;pzfMTvaB4s;/home/daniel
7032;theodore;2Z9aUspbGm;/home/theodore
7444;amelia;VCG4fX5rFE;/home/amelia
7463;ethan;fw9gpA4K3R;/home/ethan
7471;camila;485a6FCWzx;/home/camila
7522;james;BHXb5a4VnW;/home/james
7685;olivia;ZFYzBCH3hy;/home/olivia
7699;jacob;UeakF3GKX5;/home/jacob
7907;benjamin;X35nbtsKVu;/home/benjamin
7996;chloe;nthN68fRse;/home/chloe
8366;owen;tMQYj853WE;/home/owen
8467;liam;XL4TAWhZa5;/home/liam
8786;luna;eFDb7GptaU;/home/luna
9197;oliver;VFP2vYkW5m;/home/oliver
9287;sophia;4pcxTufLhN;/home/sophia
9639;evelyn;the87gnpmP;/home/evelyn
9713;scarlett;Vaxf6MnFPY;/home/scarlett
9920;elijah;UmDsCap9vY;/home/elijah
```

If the ansible_user and ansible_password configuration has been done, you will be able to ping

```
root@debian:~# ansible windows -m win_ping
WIN | SUCCESS => {
    "changed": false,
    "ping": "pong"
}
```

```
root@debian:~# ansible linux -m ping
LIN1 | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "ping": "pong"
}
LIN3 | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "ping": "pong"
}
LIN4 | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "ping": "pong"
}
LIN2 | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "ping": "pong"
}
```

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Zeal Docs