/redfish/v1

```
{
    "@odata.type": "#ServiceRoot.1.0.0.ServiceRoot",
    "ServiceVersion": "1.0.0",
    "Name": "Root Service",
    "Links": {
        "CompositionService": {
            @odata.id: /redfish/v1/CompositionService
        },
        "Chassis": {
            @odata.id: /redfish/v1/Chassis
        },
        "Managers": {
            @odata.id: /redfish/v1/Managers
        },
        "EventService": {
            @odata.id: /redfish/v1/EventService
        },
        "TaskService": {
            @odata.id: /redfish/v1/TaskService
        },
        "AccountService": {
            @odata.id: /redfish/v1/AccountService
        },
        "SessionService": {
            @odata.id: /redfish/v1/SessionService
        },
        "Systems": {
            @odata.id: /redfish/v1/Systems
        },
        "Registries": {
            @odata.id: /redfish/v1/Registries
        }
    },
    "UUID": "dcbbe069-8e7a-43c7-a807-176e86879fc3",
    @odata.id: /redfish/v1/
    "@odata.context": "/redfish/v1/$metadata#ServiceRoot",
    "Id": "RootService"
}
```

/redfish/v1 **Systems**
```
{
    "@odata.type": "#ComputerSystemCollection.1.0.0.ComputerSystemCollection",
    "Links": {
        "Member@odata.count": 7,
        "Members": [
            {
                @odata.id: /redfish/v1/Systems/System-4
            },
            {
                @odata.id: /redfish/v1/Systems/System-5
            },
            {
                @odata.id: /redfish/v1/Systems/System-6
            },
            {
                @odata.id: /redfish/v1/Systems/System-7
            },
            {
                @odata.id: /redfish/v1/Systems/System-1
            },
            {
                @odata.id: /redfish/v1/Systems/System-2
            },
            {
                @odata.id: /redfish/v1/Systems/System-3
            }
        ]
    },
    @odata.id: /redfish/v1/ComputerSystemCollection
    "@odata.context": "/redfish/v1/$metadata#ComputerSystemCollection.ComputerSystemCollection",
    "Name": "ComputerSystem Collection"
}
```

/redfish/v1 CompositionService ResourceZones Zone-1 compose

```json
{
    "@odata.type": "#Zone.v1_1_0.Zone",
    "Status": {
        "State": "Enabled",
        "Health": "OK"
    },
    "@Redfish.CollectionCapabilities": {
        "@odata.type": "#CollectionCapabilities.v1_0_0.CollectionCapabilities",
        "Capabilities": [
            {
                "UseCase": "ComputerSystemComposition",
                "CapabilitiesObject": {
                    @odata.id: /redfish/v1/Systems/Capabilities
                },
                "Links": {
                    "TargetCollection": {
                        @odata.id: /redfish/v1/Systems
                    }
                }
            }
        ]
    },
    "Name": "Resource Zone",
    "Links": {
        "ResourceBlocks": [
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-1 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-2 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-3 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-4 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-5 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-6 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-7 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-8 ☐
            }
        ]
    },
    @odata.id: /redfish/v1/CompositionService/ResourceZones/Zone-1
    "@odata.context": "/redfish/v1/$metadata#Zone.Zone",
    "@Redfish.Copyright": "Copyright 2014-2016 Distributed Management Task Force, Inc. (DMTF). All rights reserved.",
    "Id": "Zone-1"
}
```

/redfish/v1 CompositionService ResourceZones Zone-1 [compose]

```
{
    "@odata.type": "#Zone.v1_1_0.Zone",
    "Status": {
        "State": "Enabled",
        "Health": "OK"
    },
    "@Redfish.CollectionCapabilities": {
        "@odata.type": "#CollectionCapabilities.v1_0_0.CollectionCapabilities",
        "Capabilities": [
            {
                "UseCase": "ComputerSystemComposition",
                "CapabilitiesObject": {
                    @odata.id: /redfish/v1/Systems/Capabilities
                },
                "Links": {
                    "TargetCollection": {
                        @odata.id: /redfish/v1/Systems
                    }
                }
            }
        ]
    },
    "Name": "Resource Zone",
    "Links": {
        "ResourceBlocks": [
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-1 ☑
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-2 ☑
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-3 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-4 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-5 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-6 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-7 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-8 ☐
            }
        ]
    },
    @odata.id: /redfish/v1/CompositionService/ResourceZones/Zone-1
    "@odata.context": "/redfish/v1/$metadata#Zone.Zone",
    "@Redfish.Copyright": "Copyright 2014-2016 Distributed Management Task Force, Inc. (DMTF). All rights reserved.",
    "Id": "Zone-1"
}
```

/redfish/v1 **CompositionService** **ResourceZones** **Zone-1** `compose`

```
{
    "@odata.type": "#Zone.v1_1_0.Zone",
    "Status": {
        "State": "Enabled",
        "Health": "OK"
    },
    "@Redfish.CollectionCapabilities": {
        "@odata.type": "#CollectionCapabilities.v1_0_0.CollectionCapabilities",
        "Capabilities": [
            {
                "UseCase": "ComputerSystemComposition",
                "CapabilitiesObject": {
                    @odata.id: /redfish/v1/Systems/Capabilities
                },
                "Links": {
                    "TargetCollection": {
                        @odata.id: /redfish/v1/Systems
                    }
                }
            }
        ]
    },
    "Name": "Resource Zone",
    "Links": {
        "ResourceBlocks": [
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-1 ☑
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-2 ☑
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-3 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-4 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-5 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-6 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-7 ☐
            },
            {
                @odata.id: /redfish/v1/CompositionService/ResourceBlocks/Block-8 ☐
            }
        ]
    },
    @odata.id: /redfish/v1/CompositionService/ResourceZones/Zone-1
    "@odata.context": "/redfish/v1/$metadata#Zone.Zone",
    "@Redfish.Copyright": "Copyright 2014-2016 Distributed Management Task Force, Inc. (DMTF). All rights reserved.",
    "Id": "Zone-1"
}
```

localhost:5000 says:

Name of composed infrastructure

```
composed-1
```

Cancel   OK

/redfish/v1 Systems composed-1 delete

```
{
    "SKU": "",
    "BiosVersion": "P79 v1.00 (09/20/2013)",
    "PowerState": "On",
    "Processors": {
        @odata.id: /redfish/v1/Systems/composed-1/Processors
    },
    "SerialNumber": "2M220100SL",
    "Boot": {
        "BootSourceOverrideMode": "UEFI",
        "BootSourceOverrideTarget": "Pxe",
        "BootSourceOverrideEnabled": "Once",
        "BootSourceOverrideTarget@Redfish.AllowableValues": [
            "None",
            "Pxe",
            "Floppy",
            "Cd",
            "Usb",
            "Hdd",
            "BiosSetup",
            "Utilities",
            "Diags",
            "UefiTarget",
            "SDCard",
            "UefiHttp"
        ],
        "UefiTargetBootSourceOverride": "uefi device path"
    },
    "Memory": {
        @odata.id: /redfish/v1/Systems/composed-1/Memory
    },
    "PartNumber": "",
    "ProcessorSummary": {
        "Status": {
            "State": "Enabled",
            "Health": "OK"
        },
        "Count": 2,
        "Model": "Multi-Core Intel(R) Xeon(R) processor 7500 Series"
    },
    "@odata.type": "#ComputerSystem.v1_3_0.ComputerSystem",
    "Description": "Description of server",
    "TrustedModules": [
        {
            "Status": {
                "State": "Enabled",
                "Health": "OK"
            },
            "FirmwareVersion2": "1",
            "ModuleType": "TPM2_0",
            "InterfaceTypeSelection": "None",
            "FirmwareVersion": "3.1"
        }
    ],
    "HostName": "web-srv344",
    "@odata.context": "/redfish/v1/$metadata#ComputerSystem.ComputerSystem",
    "AssetTag": "free form asset tag",
    "@Redfish.Copyright": "Copyright 2014-2016 Distributed Management Task Force, Inc. (DMTF). All rights reserved.",
    "Manufacturer": "Manufacturer Name",
    "Status": {
        "HealthRollup": "OK",
        "State": "Enabled",
        "Health": "OK"
    },
    "Name": "My Computer System",
    "SimpleStorage": {
        @odata.id: /redfish/v1/Systems/composed-1/SimpleStorage
    },
    @odata.id: /redfish/v1/Systems/composed-1
    "IndicatorLED": "Off",
    "MemorySummary": {
        "Status": {
            "State": "Enabled",
            "Health": "OK"
        },
        "TotalSystemPersistentMemoryGiB": 0,
        "TotalSystemMemoryGiB": 131072
    },
    "Model": "Model Name",
    "EthernetInterfaces": {
        @odata.id: /redfish/v1/Systems/composed-1/EthernetInterfaces
    },
```