

## » softlayer\virtual\_guest

Provides virtual guest resource. This allows virtual guests to be created, updated and deleted. For additional details please refer to API documentation.

### » Example Usage

Create a new virtual guest using the "Debian" image.

```
resource "softlayer_virtual_guest" "twc_terraform_sample" {
  name                = "twc-terraform-sample-name"
  domain              = "bar.example.com"
  image               = "DEBIAN_7_64"
  region              = "ams01"
  public_network_speed = 10
  hourly_billing      = true
  private_network_only = false
  cpu                  = 1
  ram                  = 1024
  disks               = [25, 10, 20]
  user_data            = "{\"value\":\"newvalue\"}"
  dedicated_acct_host_only = true
  local_disk           = false
  frontend_vlan_id    = 1085155
  backend_vlan_id      = 1085157
}
```

Create a new virtual guest using block device template.

```
resource "softlayer_virtual_guest" "terraform-sample-BDTGroup" {
  name                = "terraform-sample-blockDeviceTemplateGroup"
  domain              = "bar.example.com"
  region              = "ams01"
  public_network_speed = 10
  hourly_billing      = false
  cpu                  = 1
  ram                  = 1024
  local_disk           = false
  block_device_template_group_gid = "*****-*****-*****-*****-*****"
}
```

### » Argument Reference

The following arguments are supported:

- `name` | *string*
  - Hostname for the computing instance.
  - **Required**
- `domain` | *string*
  - Domain for the computing instance.
  - **Required**
- `cpu` | *int*
  - The number of CPU cores to allocate.
  - **Required**
- `ram` | *int*
  - The amount of memory to allocate in megabytes.
  - **Required**
- `region` | *string*
  - Specifies which datacenter the instance is to be provisioned in.
  - **Required**
- `hourly_billing` | *boolean*
  - Specifies the billing type for the instance. When **true**, the computing instance will be billed on hourly usage, otherwise it will be billed on a monthly basis.
  - **Required**
- `local_disk` | *boolean*
  - Specifies the disk type for the instance. When **true**, the disks for the computing instance will be provisioned on the host which it runs, otherwise SAN disks will be provisioned.
  - **Required**
- `dedicated_acct_host_only` | *boolean*
  - Specifies whether or not the instance must only run on hosts with instances from the same account
  - *Default:* nil
  - *Optional*
- `image` | *string*
  - An identifier for the operating system to provision the computing instance with.
  - **Conditionally required** - Disallowed when `blockDeviceTemplateGroup.globalIdentifier` is provided, as the template will specify the operating system.
- `block_device_template_group_gid` | *string*
  - A global identifier for the template to be used to provision the computing instance.
  - **Conditionally required** - Disallowed when `operatingSystemReferenceCode` is provided, as the template will specify the operating system.
- `public_network_speed` | *int*
  - Specifies the connection speed for the instance's network components.
  - *Default:* 10
  - *Optional*
- `private_network_only` | *boolean*
  - Specifies whether or not the instance only has access to the private

- network. When true this flag specifies that a compute instance is to only have access to the private network.
  - *Default:* False
  - *Optional*
- **frontend\_vlan\_id** | *int*
  - Specifies the network VLAN which is to be used for the front end interface of the computing instance.
  - *Default:* nil
  - *Optional*
- **backend\_vlan\_id** | *int*
  - Specifies the network VLAN which is to be used for the back end interface of the computing instance.
  - *Default:* nil
  - *Optional*
- **disks** | *array*
  - Block device and disk image settings for the computing instance
  - *Optional*
  - *Default:* The smallest available capacity for the primary disk will be used. If an image template is specified the disk capacity will be provided by the template.
- **user\_data** | *string*
  - Arbitrary data to be made available to the computing instance.
  - *Default:* nil
  - *Optional*
- **ssh\_keys** | *array*
  - SSH keys to install on the computing instance upon provisioning.
  - *Default:* nil
  - *Optional*
- **ipv4\_address** | *string*
  - Uses editObject call, template data defined here.
  - *Default:* nil
  - *Optional*
- **ipv4\_address\_private** | *string*
  - Uses editObject call, template data defined here.
  - *Default:* nil
  - *Optional*
- **post\_install\_script\_uri** | *string*
  - As defined in the SoftLayer\_Virtual\_Guest\_SupplementalCreateObjectOptions.
  - *Default:* nil
  - *Optional*

## » Attributes Reference

The following attributes are exported:

- `id` - The ID of the virtual guest.

## » `softlayer\ssh_key`

Provides SSK keys. This allows SSH keys to be created, updated and deleted. For additional details please refer to API documentation.

### » Example Usage

```
resource "softlayer_ssh_key" "test_ssh_key" {
  name      = "test_ssh_key_name"
  notes     = "test_ssh_key_notes"
  public_key = "ssh-rsa <rsa_public_key>"
}
```

### » Argument Reference

The following arguments are supported:

- `name` - (Required) A descriptive name used to identify an SSH key.
- `public_key` - (Required) The public SSH key.
- `notes` - (Optional) A small note about an SSH key to use at your discretion.

The `name` and `notes` fields are editable.

### » Attributes Reference

The following attributes are exported:

- `id` - The ID of the new SSH key
- `fingerprint` - sequence of bytes to authenticate or lookup a longer SSH key.