Aluna: Pricilla Souza Cruz – RA: 2200555
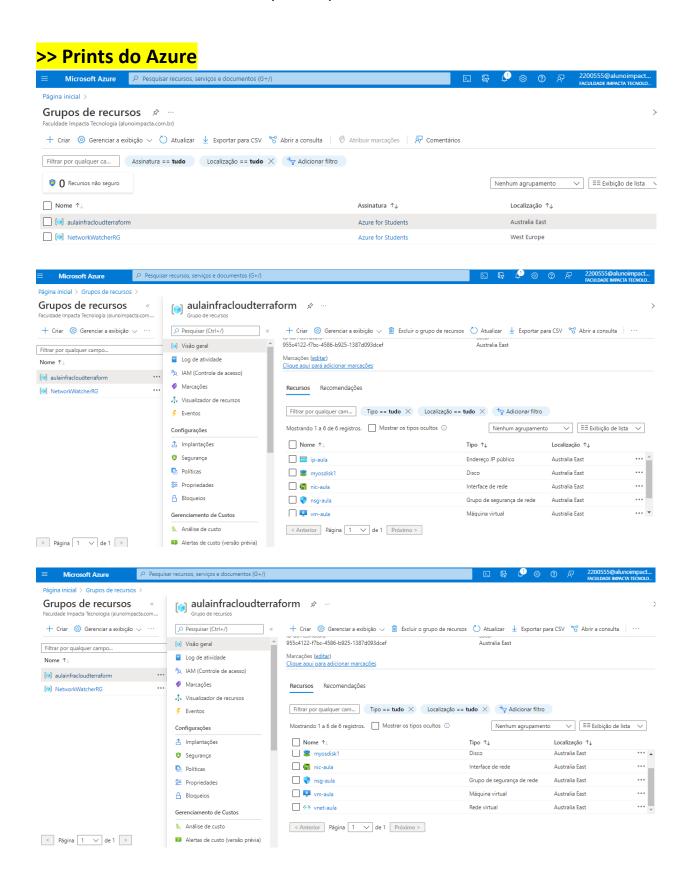
Para que o documento não ficasse muito extenso, depois de resolver os problemas, rodei novamente para evidenciar que deu tudo certinho. Muito obrigada.

Este documento está separado em 3 principais partes

- Prints do Azure: mostrando que subiu.
- Comandos executados no terminal para subir.
- Comandos executando também o ip da máquina virtual.

>> Prints do Azure

>>Comandos executados no terminal bash no VS. code

prici@DESKTOP-05738JN MINGW64 ~/Desktop/terraform_azure_apache (main)

$ terraform validate

Success! The configuration is valid.

prici@DESKTOP-05738JN MINGW64 ~/Desktop/terraform_azure_apache (main)

$ terraform plan

azurerm_resource_group.rg-aulainfracloud: Refreshing state... [id=/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform]

Terraform used the selected providers to generate the following execution plan.

Resource actions are indicated with the following symbols:

  + create

 <= read (data resources)

Terraform will perform the following actions:

 # data.azurerm_public_ip.ip-aula will be read during apply
 # (config refers to values not yet known)
 <= data "azurerm_public_ip" "ip-aula" {
     + allocation_method   = (known after apply)
     + domain_name_label   = (known after apply)
     + fqdn   = (known after apply)
     + id   = (known after apply)
     + idle_timeout_in_minutes = (known after apply)
     + ip_address   = (known after apply)
     + ip_tags   = (known after apply)
     + ip_version   = (known after apply)
     + location   = (known after apply)
     + name   = "ip-aula"
     + resource_group_name   = "aulainfracloudterraform"

```
    + reverse_fqdn         = (known after apply)

    + sku             = (known after apply)

    + tags              = (known after apply)

    + zones              = (known after apply)


    + timeouts {

      + read = (known after apply)

    }

  }


# azurerm_network_interface.nic-aulainfra will be created
+ resource "azurerm_network_interface" "nic-aulainfra" {

    + applied_dns_servers        = (known after apply)

    + dns_servers            = (known after apply)

    + enable_accelerated_networking = false

    + enable_ip_forwarding        = false

    + id                 = (known after apply)

    + internal_dns_name_label      = (known after apply)

    + internal_domain_name_suffix   = (known after apply)

    + location             = "australiaeast"

    + mac_address           = (known after apply)

    + name               = "nic-aula"

    + private_ip_address        = (known after apply)

    + private_ip_addresses       = (known after apply)

    + resource_group_name       = "aulainfracloudterraform"

    + virtual_machine_id        = (known after apply)


    + ip_configuration {

      + gateway_load_balancer_frontend_ip_configuration_id = (known after apply)

      + name                       = "ip-aula-nic"

      + primary                      = (known after apply)

      + private_ip_address                = (known after apply)

      + private_ip_address_allocation         = "Dynamic"

      + private_ip_address_version           = "IPv4"
```

```
        + public_ip_address_id                = (known after apply)

        + subnet_id                     = (known after apply)
    }
}


# azurerm_network_interface_security_group_association.nic-nsg-aulainfra will be created
+ resource "azurerm_network_interface_security_group_association" "nic-nsg-aulainfra" {
    + id                 = (known after apply)

    + network_interface_id     = (known after apply)

    + network_security_group_id = (known after apply)
}


# azurerm_network_security_group.nsg-aulainfra will be created
+ resource "azurerm_network_security_group" "nsg-aulainfra" {
    + id              = (known after apply)

    + location          = "australiaeast"

    + name            = "nsg-aula"

    + resource_group_name = "aulainfracloudterraform"

    + security_rule     = [

      + {

        + access                    = "Allow"

        + description                 = ""

        + destination_address_prefix        = "*"

        + destination_address_prefixes       = []

        + destination_application_security_group_ids = []

        + destination_port_range          = "22"

        + destination_port_ranges          = []

        + direction               = "Inbound"

        + name                 = "SSH"

        + priority              = 1001

        + protocol               = "Tcp"

        + source_address_prefix           = "*"

        + source_address_prefixes          = []

        + source_application_security_group_ids    = []
```

```
              + source_port_range              = "*"

              + source_port_ranges             = []
          },
        + {
            + access                   = "Allow"

            + description                = ""

            + destination_address_prefix          = "*"

            + destination_address_prefixes         = []

            + destination_application_security_group_ids = []

            + destination_port_range            = "80"

            + destination_port_ranges           = []

            + direction                 = "Inbound"

            + name                    = "web"

            + priority                = 1003

            + protocol                 = "Tcp"

            + source_address_prefix             = "*"

            + source_address_prefixes            = []

            + source_application_security_group_ids    = []

            + source_port_range               = "*"

            + source_port_ranges              = []
          },
      ]
    + tags          = {
        + "environment" = "Production"
      }
  }


# azurerm_public_ip.ip-aulainfra will be created
+ resource "azurerm_public_ip" "ip-aulainfra" {
    + allocation_method     = "Static"

    + fqdn             = (known after apply)

    + id              = (known after apply)

    + idle_timeout_in_minutes = 4

    + ip_address          = (known after apply)
```

```
    + ip_version          = "IPv4"

    + location            = "australiaeast"

    + name                = "ip-aula"

    + resource_group_name    = "aulainfracloudterraform"

    + sku            = "Basic"

    + sku_tier          = "Regional"

    + tags            = {

      + "environment" = "Production"

    }

  }


# azurerm_subnet.sub-aulainfra will be created

+ resource "azurerm_subnet" "sub-aulainfra" {

  + address_prefixes            = [

    + "10.0.1.0/24",

   ]

  + enforce_private_link_endpoint_network_policies = false

  + enforce_private_link_service_network_policies  = false

  + id                  = (known after apply)

  + name                 = "sub-aula"

  + resource_group_name              = "aulainfracloudterraform"

  + virtual_network_name             = "vnet-aula"

 }


# azurerm_virtual_machine.vm-aulainfra will be created

+ resource "azurerm_virtual_machine" "vm-aulainfra" {

  + availability_set_id      = (known after apply)

  + delete_data_disks_on_termination = false

  + delete_os_disk_on_termination   = false

  + id               = (known after apply)

  + license_type          = (known after apply)

  + location            = "australiaeast"

  + name              = "vm-aula"

  + network_interface_ids      = (known after apply)
```

```
+ resource_group_name        = "aulainfracloudterraform"
+ tags                 = {
    + "environment" = "staging"
  }
+ vm_size                 = "Standard_DS1_v2"


+ identity {
    + identity_ids = (known after apply)

    + principal_id = (known after apply)

    + type      = (known after apply)
  }


+ os_profile {
    # At least one attribute in this block is (or was) sensitive,
    # so its contents will not be displayed.
  }


+ os_profile_linux_config {
    + disable_password_authentication = false
  }


+ storage_data_disk {
    + caching             = (known after apply)

    + create_option          = (known after apply)

    + disk_size_gb          = (known after apply)

    + lun               = (known after apply)

    + managed_disk_id        = (known after apply)

    + managed_disk_type       = (known after apply)

    + name               = (known after apply)

    + vhd_uri             = (known after apply)

    + write_accelerator_enabled = (known after apply)
  }


+ storage_image_reference {
```

```
      + offer     = "UbuntuServer"

      + publisher = "Canonical"

      + sku       = "16.04-LTS"

      + version   = "latest"

     }


   + storage_os_disk {

      + caching                 = "ReadWrite"

      + create_option           = "FromImage"

      + disk_size_gb            = (known after apply)

      + managed_disk_id         = (known after apply)

      + managed_disk_type       = "Standard_LRS"

      + name                    = "myosdisk1"

      + os_type                 = (known after apply)

      + write_accelerator_enabled = false

     }

 }


# azurerm_virtual_network.vnet-aulainfra will be created
+ resource "azurerm_virtual_network" "vnet-aulainfra" {
   + address_space     = [
      + "10.0.0.0/16",
    ]
   + dns_servers       = (known after apply)
   + guid              = (known after apply)
   + id                = (known after apply)
   + location          = "australiaeast"
   + name              = "vnet-aula"
   + resource_group_name = "aulainfracloudterraform"
   + subnet            = (known after apply)
   + tags              = {
      + "environment" = "Production"
      + "faculdade"   = "Impacta"
      + "turma"       = "ES23"
```

```
      }
    }


  # null_resource.install-apache will be created
  + resource "null_resource" "install-apache" {
    + id = (known after apply)
  }


Plan: 8 to add, 0 to change, 0 to destroy.


_____


Note: You didn't use the -out option to save this plan, so Terraform can't

guarantee to take exactly these actions if you run "terraform apply" now.
```

prici@DESKTOP-05738JN MINGW64 ~/Desktop/terraform_azure_apache (main)

azurerm_resource_group.rg-aulainfracloud: Refreshing state... [id=/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform]

```
Terraform used the selected providers to generate the following execution plan.

Resource actions are indicated with the following symbols:
  + create
  <= read (data resources)


Terraform will perform the following actions:


  # data.azurerm_public_ip.ip-aula will be read during apply
  # (config refers to values not yet known)
  <= data "azurerm_public_ip" "ip-aula"  {
    + allocation_method      = (known after apply)
    + domain_name_label      = (known after apply)
    + fqdn               = (known after apply)
    + id               = (known after apply)
    + idle_timeout_in_minutes = (known after apply)
```

```
      + ip_address           = (known after apply)

      + ip_tags              = (known after apply)

      + ip_version           = (known after apply)

      + location             = (known after apply)

      + name                 = "ip-aula"

      + resource_group_name  = "aulainfracloudterraform"

      + reverse_fqdn         = (known after apply)

      + sku                  = (known after apply)

      + tags                 = (known after apply)

      + zones                = (known after apply)


      + timeouts {

        + read = (known after apply)

      }

  }


  # azurerm_network_interface.nic-aulainfra will be created
  + resource "azurerm_network_interface" "nic-aulainfra" {

    + applied_dns_servers          = (known after apply)

    + dns_servers                  = (known after apply)

    + enable_accelerated_networking = false

    + enable_ip_forwarding         = false

    + id                           = (known after apply)

    + internal_dns_name_label      = (known after apply)

    + internal_domain_name_suffix  = (known after apply)

    + location                     = "australiaeast"

    + mac_address                  = (known after apply)

    + name                         = "nic-aula"

    + private_ip_address           = (known after apply)

    + private_ip_addresses         = (known after apply)

    + resource_group_name          = "aulainfracloudterraform"

    + virtual_machine_id           = (known after apply)


    + ip_configuration {
```

```
      + gateway_load_balancer_frontend_ip_configuration_id = (known after apply)

      + name                          = "ip-aula-nic"

      + primary                       = (known after apply)

      + private_ip_address            = (known after apply)

      + private_ip_address_allocation     = "Dynamic"

      + private_ip_address_version        = "IPv4"

      + public_ip_address_id          = (known after apply)

      + subnet_id                     = (known after apply)

    }

  }


# azurerm_network_interface_security_group_association.nic-nsg-aulainfra will be created
+ resource "azurerm_network_interface_security_group_association" "nic-nsg-aulainfra" {

    + id                      = (known after apply)

    + network_interface_id    = (known after apply)

    + network_security_group_id = (known after apply)

  }


# azurerm_network_security_group.nsg-aulainfra will be created
+ resource "azurerm_network_security_group" "nsg-aulainfra" {

    + id                = (known after apply)

    + location          = "australiaeast"

    + name              = "nsg-aula"

    + resource_group_name = "aulainfracloudterraform"

    + security_rule     = [

      + {

        + access                      = "Allow"

        + description                 = ""

        + destination_address_prefix       = "*"

        + destination_address_prefixes     = []

        + destination_application_security_group_ids = []

        + destination_port_range           = "22"

        + destination_port_ranges          = []

        + direction                   = "Inbound"
```

```
          + name                         = "SSH"

          + priority                     = 1001

          + protocol                     = "Tcp"

          + source_address_prefix            = "*"

          + source_address_prefixes          = []

          + source_application_security_group_ids   = []

          + source_port_range                = "*"

          + source_port_ranges               = []
        },
      + {
          + access                     = "Allow"

          + description                    = ""

          + destination_address_prefix          = "*"

          + destination_address_prefixes         = []

          + destination_application_security_group_ids = []

          + destination_port_range            = "80"

          + destination_port_ranges           = []

          + direction                  = "Inbound"

          + name                       = "web"

          + priority                   = 1003

          + protocol                     = "Tcp"

          + source_address_prefix            = "*"

          + source_address_prefixes          = []

          + source_application_security_group_ids   = []

          + source_port_range                = "*"

          + source_port_ranges               = []
        },
    ]
  + tags          = {
      + "environment" = "Production"
    }
}


# azurerm_public_ip.ip-aulainfra will be created
```

```
+ resource "azurerm_public_ip" "ip-aulainfra" {

   + allocation_method      = "Static"

   + fqdn              = (known after apply)

   + id                = (known after apply)

   + idle_timeout_in_minutes = 4

   + ip_address          = (known after apply)

   + ip_version          = "IPv4"

   + location            = "australiaeast"

   + name              = "ip-aula"

   + resource_group_name     = "aulainfracloudterraform"

   + sku              = "Basic"

   + sku_tier            = "Regional"

   + tags              = {

      + "environment" = "Production"

    }

 }


# azurerm_subnet.sub-aulainfra will be created
+ resource "azurerm_subnet" "sub-aulainfra" {

   + address_prefixes                = [

      + "10.0.1.0/24",

    ]

   + enforce_private_link_endpoint_network_policies = false

   + enforce_private_link_service_network_policies  = false

   + id                        = (known after apply)

   + name                      = "sub-aula"

   + resource_group_name              = "aulainfracloudterraform"

   + virtual_network_name              = "vnet-aula"

 }


# azurerm_virtual_machine.vm-aulainfra will be created
+ resource "azurerm_virtual_machine" "vm-aulainfra" {

   + availability_set_id      = (known after apply)

   + delete_data_disks_on_termination = false
```

```
+ delete_os_disk_on_termination    = false

+ id                     = (known after apply)

+ license_type              = (known after apply)

+ location                = "australiaeast"

+ name                  = "vm-aula"

+ network_interface_ids         = (known after apply)

+ resource_group_name          = "aulainfracloudterraform"

+ tags                 = {
    + "environment" = "staging"
  }

+ vm_size                 = "Standard_DS1_v2"


+ identity {
    + identity_ids = (known after apply)

    + principal_id = (known after apply)

    + type      = (known after apply)
  }


+ os_profile {
    # At least one attribute in this block is (or was) sensitive,
    # so its contents will not be displayed.
  }


+ os_profile_linux_config {
    + disable_password_authentication = false
  }


+ storage_data_disk {
    + caching            = (known after apply)

    + create_option        = (known after apply)

    + disk_size_gb        = (known after apply)

    + lun             = (known after apply)

    + managed_disk_id       = (known after apply)

    + managed_disk_type      = (known after apply)
```

```
    + name                = (known after apply)

    + vhd_uri             = (known after apply)

    + write_accelerator_enabled = (known after apply)

    }


+ storage_image_reference {

    + offer     = "UbuntuServer"

    + publisher = "Canonical"

    + sku       = "16.04-LTS"

    + version   = "latest"

    }


+ storage_os_disk {

    + caching             = "ReadWrite"

    + create_option       = "FromImage"

    + disk_size_gb        = (known after apply)

    + managed_disk_id     = (known after apply)

    + managed_disk_type   = "Standard_LRS"

    + name                = "myosdisk1"

    + os_type             = (known after apply)

    + write_accelerator_enabled = false

    }
}


# azurerm_virtual_network.vnet-aulainfra will be created
+ resource "azurerm_virtual_network" "vnet-aulainfra" {

    + address_space     = [

      + "10.0.0.0/16",

      ]

    + dns_servers       = (known after apply)

    + guid              = (known after apply)

    + id                = (known after apply)

    + location          = "australiaeast"

    + name              = "vnet-aula"
```

```
      + resource_group_name = "aulainfracloudterraform"

      + subnet            = (known after apply)

      + tags             = {

        + "environment" = "Production"

        + "faculdade"   = "Impacta"

        + "turma"       = "ES23"

      }

   }


  # null_resource.install-apache will be created

  + resource "null_resource" "install-apache" {

    + id = (known after apply)

  }


Plan: 8 to add, 0 to change, 0 to destroy.


Do you want to perform these actions?

  Terraform will perform the actions described above.

  Only 'yes' will be accepted to approve.


  Enter a value: yes


azurerm_virtual_network.vnet-aulainfra: Creating...

azurerm_public_ip.ip-aulainfra: Creating...

azurerm_network_security_group.nsg-aulainfra: Creating...

azurerm_network_security_group.nsg-aulainfra: Still creating... [10s elapsed]

azurerm_public_ip.ip-aulainfra: Still creating... [10s elapsed]

azurerm_virtual_network.vnet-aulainfra: Still creating... [10s elapsed]

azurerm_virtual_network.vnet-aulainfra: Creation complete after 19s [id=/subscriptions/955c4122-f7bc-4586-b925-
1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Network/virtualNetworks/vnet-aula]

azurerm_subnet.sub-aulainfra: Creating...

azurerm_public_ip.ip-aulainfra: Creation complete after 19s [id=/subscriptions/955c4122-f7bc-4586-b925-
1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Network/publicIPAddresses/ip-aula]

data.azurerm_public_ip.ip-aula: Reading...
```

azurerm_network_security_group.nsg-aulainfra: Creation complete after 20s [id=/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Network/networkSecurityGroups/nsg-aula]

data.azurerm_public_ip.ip-aula: Read complete after 2s [id=/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Network/publicIPAddresses/ip-aula]

azurerm_subnet.sub-aulainfra: Creation complete after 9s [id=/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Network/virtualNetworks/vnet-aula/subnets/sub-aula]

azurerm_network_interface.nic-aulainfra: Creating...

azurerm_network_interface.nic-aulainfra: Still creating... [10s elapsed]

azurerm_network_interface.nic-aulainfra: Creation complete after 11s [id=/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Network/networkInterfaces/nic-aula]

azurerm_network_interface_security_group_association.nic-nsg-aulainfra: Creating...

azurerm_virtual_machine.vm-aulainfra: Creating...

azurerm_network_interface_security_group_association.nic-nsg-aulainfra: Creation complete after 9s [id=/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Network/networkInterfaces/nic-aula|/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Network/networkSecurityGroups/nsg-aula]

azurerm_virtual_machine.vm-aulainfra: Still creating... [10s elapsed]

azurerm_virtual_machine.vm-aulainfra: Still creating... [20s elapsed]

azurerm_virtual_machine.vm-aulainfra: Creation complete after 30s [id=/subscriptions/955c4122-f7bc-4586-b925-1387d093dcef/resourceGroups/aulainfracloudterraform/providers/Microsoft.Compute/virtualMachines/vm-aula]

null_resource.install-apache: Creating...

null_resource.install-apache: Provisioning with 'remote-exec'...

null_resource.install-apache (remote-exec): Connecting to remote host via SSH...

null_resource.install-apache (remote-exec):   Host: 20.211.178.70

null_resource.install-apache (remote-exec):   User: testeadmin

null_resource.install-apache (remote-exec):   Password: true

null_resource.install-apache (remote-exec):   Private key: false

null_resource.install-apache (remote-exec):   Certificate: false

null_resource.install-apache (remote-exec):   SSH Agent: false

null_resource.install-apache (remote-exec):   Checking Host Key: false

null_resource.install-apache (remote-exec):   Target Platform: unix

null_resource.install-apache (remote-exec): Connecting to remote host via SSH...

null_resource.install-apache (remote-exec):   Host: 20.211.178.70

null_resource.install-apache (remote-exec):   User: testeadmin

null_resource.install-apache (remote-exec):   Password: true

null_resource.install-apache (remote-exec):   Private key: false

null_resource.install-apache (remote-exec):   Certificate: false

null_resource.install-apache (remote-exec):   SSH Agent: false

null_resource.install-apache (remote-exec):   Checking Host Key: false

null_resource.install-apache (remote-exec):   Target Platform: unix

null_resource.install-apache (remote-exec): Connecting to remote host via SSH...

null_resource.install-apache (remote-exec):   Host: 20.211.178.70

null_resource.install-apache (remote-exec):   User: testeadmin

null_resource.install-apache (remote-exec):   Password: true

null_resource.install-apache (remote-exec):   Private key: false

null_resource.install-apache (remote-exec):   Certificate: false

null_resource.install-apache (remote-exec):   SSH Agent: false

null_resource.install-apache (remote-exec):   Checking Host Key: false

null_resource.install-apache (remote-exec):   Target Platform: unix

null_resource.install-apache (remote-exec): Connected!

null_resource.install-apache: Still creating... [10s elapsed]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [Working]

null_resource.install-apache (remote-exec): Hit:1 http://azure.archive.ubuntu.com/ubuntu xenial InRelease

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [Connecting to security.ubuntu.com]

null_resource.install-apache (remote-exec): Get:2 http://azure.archive.ubuntu.com/ubuntu xenial-updates InRelease
[99.8 kB]

null_resource.install-apache (remote-exec): Get:3 http://azure.archive.ubuntu.com/ubuntu xenial-backports
InRelease [97.4 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [Connecting to security.ubuntu.com]

null_resource.install-apache (remote-exec): 0% [1 InRelease gpgv 247 kB] [Connectin

null_resource.install-apache (remote-exec): 0% [Connecting to security.ubuntu.com]

null_resource.install-apache (remote-exec): 0% [2 InRelease gpgv 99.8 kB] [Waiting

null_resource.install-apache (remote-exec): Get:4 http://azure.archive.ubuntu.com/ubuntu xenial/universe amd64
Packages [7,532 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [2 InRelease gpgv 99.8 kB] [4 Packag

null_resource.install-apache (remote-exec): 0% [2 InRelease gpgv 99.8 kB] [Connecti

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [2 InRelease

null_resource.install-apache (remote-exec): Get:5 http://azure.archive.ubuntu.com/ubuntu xenial/universe Translation-en [4,354 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [2 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [5 Translatio

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): Get:6 http://azure.archive.ubuntu.com/ubuntu xenial/multiverse amd64 Packages [144 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): Get:7 http://azure.archive.ubuntu.com/ubuntu xenial/multiverse Translation-en [106 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): Get:8 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 Packages [2,049 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): Get:9 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main Translation-en [461 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): Get:10 http://azure.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 Packages [1,219 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): Get:11 http://azure.archive.ubuntu.com/ubuntu xenial-updates/universe Translation-en [358 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): Get:12 http://azure.archive.ubuntu.com/ubuntu xenial-updates/multiverse amd64 Packages [22.6 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): Get:13 http://azure.archive.ubuntu.com/ubuntu xenial-updates/multiverse Translation-en [8,476 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): Get:14 http://security.ubuntu.com/ubuntu xenial-security InRelease [99.8 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [3 InRelease

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [14 InRelease

null_resource.install-apache (remote-exec): Get:15 http://azure.archive.ubuntu.com/ubuntu xenial-backports/main amd64 Packages [9,812 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [14 InRelease

null_resource.install-apache (remote-exec): Get:16 http://azure.archive.ubuntu.com/ubuntu xenial-backports/main Translation-en [4,456 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [Waiting for

null_resource.install-apache (remote-exec): Get:17 http://azure.archive.ubuntu.com/ubuntu xenial-backports/universe amd64 Packages [11.3 kB]

null_resource.install-apache (remote-exec): Get:18 http://azure.archive.ubuntu.com/ubuntu xenial-backports/universe Translation-en [4,476 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [14 InRelease

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [14 InRelease

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B]

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [14 InRelease

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B]

null_resource.install-apache (remote-exec): Get:19 https://esm.ubuntu.com/infra/ubuntu xenial-infra-security InRelease [7,515 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [Waiting for

null_resource.install-apache (remote-exec): 0% [4 Packages store 0 B] [19 InRelease

null_resource.install-apache (remote-exec): 0% [19 InRelease gpgv 7,515 B] [Waiting

null_resource.install-apache (remote-exec): 0% [5 Translation-en store 0 B] [19 InR

null_resource.install-apache (remote-exec): Get:20 http://security.ubuntu.com/ubuntu xenial-security/main Translation-en [360 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [5 Translation-en store 0 B] [19 InR

null_resource.install-apache (remote-exec): 0% [5 Translation-en store 0 B] [20 Tra

null_resource.install-apache (remote-exec): Get:21 https://esm.ubuntu.com/infra/ubuntu xenial-infra-updates InRelease [7,475 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [5 Translation-en store 0 B] [20 Tra

null_resource.install-apache (remote-exec): 0% [5 Translation-en store 0 B] [21 InR

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 88% [5 Translation-en store 0 B] [20 Tr

null_resource.install-apache (remote-exec): Get:22 https://esm.ubuntu.com/infra/ubuntu xenial-infra-security/main amd64 Packages [371 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 89% [5 Translation-en store 0 B] [20 Tr

null_resource.install-apache (remote-exec): 89% [5 Translation-en store 0 B] [22 Pa

null_resource.install-apache (remote-exec): 89% [Waiting for headers] [22 Packages

null_resource.install-apache (remote-exec): 89% [6 Packages store 0 B] [Waiting for

null_resource.install-apache (remote-exec): 90% [Waiting for headers] [22 Packages

null_resource.install-apache (remote-exec): 90% [7 Translation-en store 0 B] [Waiti

null_resource.install-apache (remote-exec): 90% [Waiting for headers] [22 Packages

null_resource.install-apache (remote-exec): 90% [8 Packages store 0 B] [Waiting for

null_resource.install-apache (remote-exec): Get:23 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 Packages [785 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 90% [8 Packages store 0 B] [23 Packages

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 93% [23 Packages 492 kB/785 kB 63%] [22

null_resource.install-apache (remote-exec): 93% [9 Translation-en store 0 B] [23 Pa

null_resource.install-apache (remote-exec): Get:24 http://security.ubuntu.com/ubuntu xenial-security/universe Translation-en [225 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 94% [9 Translation-en store 0 B] [24 Tr

null_resource.install-apache (remote-exec): 95% [24 Translation-en 139 kB/225 kB 62

null_resource.install-apache (remote-exec): 95% [10 Packages store 0 B] [24 Transla

null_resource.install-apache (remote-exec): Get:25 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 Packages [7,864 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 96% [10 Packages store 0 B] [25 Package

null_resource.install-apache (remote-exec): Get:26 http://security.ubuntu.com/ubuntu xenial-security/multiverse Translation-en [2,672 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 96% [10 Packages store 0 B] [26 Transla

null_resource.install-apache (remote-exec): 96% [10 Packages store 0 B] [22 Package

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 97% [22 Packages 343 kB/371 kB 92%]

null_resource.install-apache (remote-exec): 97% [11 Translation-en store 0 B] [22 P

null_resource.install-apache (remote-exec): 97% [11 Translation-en store 0 B]

null_resource.install-apache (remote-exec): 97% [Working]

null_resource.install-apache (remote-exec): 97% [12 Packages store 0 B]

null_resource.install-apache (remote-exec): 97% [Working]

null_resource.install-apache (remote-exec): 97% [13 Translation-en store 0 B]

null_resource.install-apache (remote-exec): 97% [Working]

null_resource.install-apache (remote-exec): 97% [15 Packages store 0 B]

null_resource.install-apache (remote-exec): 98% [Working]

null_resource.install-apache (remote-exec): 98% [16 Translation-en store 0 B]

null_resource.install-apache (remote-exec): 98% [Working]

null_resource.install-apache (remote-exec): 98% [17 Packages store 0 B]

null_resource.install-apache (remote-exec): 98% [Working]

null_resource.install-apache (remote-exec): 98% [18 Translation-en store 0 B]

null_resource.install-apache (remote-exec): 98% [Working]

null_resource.install-apache (remote-exec): 98% [20 Translation-en store 0 B]

null_resource.install-apache (remote-exec): 99% [Working]

null_resource.install-apache (remote-exec): 99% [23 Packages store 0 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 99% [Working]

null_resource.install-apache (remote-exec): 99% [24 Translation-en store 0 B]

null_resource.install-apache (remote-exec): 99% [Working]

null_resource.install-apache (remote-exec): 99% [25 Packages store 0 B]

null_resource.install-apache (remote-exec): 99% [Working]

null_resource.install-apache (remote-exec): 99% [26 Translation-en store 0 B]

null_resource.install-apache (remote-exec): 100% [Working]

null_resource.install-apache (remote-exec): 100% [22 Packages store 0 B]

null_resource.install-apache (remote-exec): 100% [Working]

null_resource.install-apache (remote-exec): Fetched 18.3 MB in 3s (5,260 kB/s)

null_resource.install-apache (remote-exec): Reading package lists... 0%

null_resource.install-apache (remote-exec): Reading package lists... 0%

null_resource.install-apache (remote-exec): Reading package lists... 1%

null_resource.install-apache (remote-exec): Reading package lists... 5%

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null_resource.install-apache (remote-exec): Reading package lists... 8%

null_resource.install-apache: Still creating... [20s elapsed]

null_resource.install-apache (remote-exec): Reading package lists... 40%

null_resource.install-apache (remote-exec): Reading package lists... 40%

null_resource.install-apache (remote-exec): Reading package lists... 58%

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null_resource.install-apache (remote-exec): Reading package lists... 99%

null_resource.install-apache (remote-exec): Reading package lists... Done

null_resource.install-apache (remote-exec): Building dependency tree... 0%

null_resource.install-apache (remote-exec): Building dependency tree... 0%

null_resource.install-apache (remote-exec): Building dependency tree... 1%

null_resource.install-apache (remote-exec): Building dependency tree... 50%

null_resource.install-apache (remote-exec): Building dependency tree... 50%

null_resource.install-apache (remote-exec): Building dependency tree

null_resource.install-apache (remote-exec): Reading state information... 0%

null_resource.install-apache (remote-exec): Reading state information... 1%

null_resource.install-apache (remote-exec): Reading state information... Done

null_resource.install-apache (remote-exec): 1 package can be upgraded. Run 'apt list --upgradable' to see it.

null_resource.install-apache (remote-exec): Reading package lists... 0%

null_resource.install-apache (remote-exec): Reading package lists... 100%

null_resource.install-apache (remote-exec): Reading package lists... Done

null_resource.install-apache (remote-exec): Building dependency tree... 0%

null_resource.install-apache (remote-exec): Building dependency tree... 0%

null_resource.install-apache (remote-exec): Building dependency tree... 50%

null_resource.install-apache (remote-exec): Building dependency tree... 50%

null_resource.install-apache (remote-exec): Building dependency tree

null_resource.install-apache (remote-exec): Reading state information... 0%

null_resource.install-apache (remote-exec): Reading state information... 1%

null_resource.install-apache (remote-exec): Reading state information... Done

null_resource.install-apache (remote-exec): The following package was automatically installed and is no longer required:

null_resource.install-apache (remote-exec):   grub-pc-bin

null_resource.install-apache (remote-exec): Use 'sudo apt autoremove' to remove it.

null_resource.install-apache (remote-exec): The following additional packages will be installed:

null_resource.install-apache (remote-exec):   apache2-bin apache2-data

null_resource.install-apache (remote-exec):   apache2-utils libapr1 libaprutil1

null_resource.install-apache (remote-exec):   libaprutil1-dbd-sqlite3

null_resource.install-apache (remote-exec):   libaprutil1-ldap liblua5.1-0

null_resource.install-apache (remote-exec):   ssl-cert

null_resource.install-apache (remote-exec): Suggested packages:

null_resource.install-apache (remote-exec):   www-browser apache2-doc

null_resource.install-apache (remote-exec):   apache2-suexec-pristine

null_resource.install-apache (remote-exec): | apache2-suexec-custom

null_resource.install-apache (remote-exec):   openssl-blacklist

null_resource.install-apache (remote-exec): The following NEW packages will be installed:

null_resource.install-apache (remote-exec):   apache2 apache2-bin apache2-data

null_resource.install-apache (remote-exec):   apache2-utils libapr1 libaprutil1

null_resource.install-apache (remote-exec):   libaprutil1-dbd-sqlite3

null_resource.install-apache (remote-exec):   libaprutil1-ldap liblua5.1-0

null_resource.install-apache (remote-exec):   ssl-cert

null_resource.install-apache (remote-exec): 0 upgraded, 10 newly installed, 0 to remove and 1 not upgraded.

null_resource.install-apache (remote-exec): Need to get 1,559 kB of archives.

null_resource.install-apache (remote-exec): After this operation, 6,448 kB of additional disk space will be used.

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [Working]

null_resource.install-apache (remote-exec): Get:1 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 libapr1 amd64 1.5.2-3 [86.0 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 0% [1 libapr1 0 B/86.0 kB 0%]

null_resource.install-apache (remote-exec): 6% [Working]

null_resource.install-apache (remote-exec): Get:2 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 libaprutil1 amd64 1.5.4-1build1 [77.1 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 6% [2 libaprutil1 0 B/77.1 kB 0%]

null_resource.install-apache (remote-exec): 12% [Working]

null_resource.install-apache (remote-exec): Get:3 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 libaprutil1-dbd-sqlite3 amd64 1.5.4-1build1 [10.6 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 12% [3 libaprutil1-dbd-sqlite3 0 B/10.6

null_resource.install-apache (remote-exec): 15% [Working]

null_resource.install-apache (remote-exec): Get:4 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 libaprutil1-ldap amd64 1.5.4-1build1 [8,720 B]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 15% [4 libaprutil1-ldap 0 B/8,720 B 0%]

null_resource.install-apache (remote-exec): 17% [Working]

null_resource.install-apache (remote-exec): Get:5 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 liblua5.1-0 amd64 5.1.5-8ubuntu1 [102 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): Selecting previously unselected pack

null_resource.install-apache (remote-exec): 25% [Working]

null_resource.install-apache (remote-exec): Get:6 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 apache2-bin amd64 2.4.18-2ubuntu3.17 [927 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 25% [6 apache2-bin 0 B/927 kB 0%]

null_resource.install-apache (remote-exec): 74% [Working]

null_resource.install-apache (remote-exec): Get:7 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 apache2-utils amd64 2.4.18-2ubuntu3.17 [81.9 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 74% [7 apache2-utils 0 B/81.9 kB 0%]

null_resource.install-apache (remote-exec): 80% [Working]

null_resource.install-apache (remote-exec): Get:8 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 apache2-data all 2.4.18-2ubuntu3.17 [162 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 80% [8 apache2-data 0 B/162 kB 0%]

null_resource.install-apache (remote-exec): 91% [Working]

null_resource.install-apache (remote-exec): Get:9 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 apache2 amd64 2.4.18-2ubuntu3.17 [86.8 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 91% [9 apache2 0 B/86.8 kB 0%]

null_resource.install-apache (remote-exec): 97% [Working]

null_resource.install-apache (remote-exec): Get:10 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 ssl-cert all 1.0.37 [16.9 kB]

null_resource.install-apache (remote-exec):

null_resource.install-apache (remote-exec): 97% [10 ssl-cert 0 B/16.9 kB 0%]

null_resource.install-apache (remote-exec): 100% [Working]

null_resource.install-apache (remote-exec): Fetched 1,559 kB in 0s (29.2 MB/s)

null_resource.install-apache (remote-exec): Preconfiguring packages ...

kage libapr1:amd64.

null_resource.install-apache (remote-exec): (Reading database ...

null_resource.install-apache (remote-exec): (Reading database ... 5%

null_resource.install-apache (remote-exec): (Reading database ... 10%

null_resource.install-apache (remote-exec): (Reading database ... 15%

null_resource.install-apache (remote-exec): (Reading database ... 20%

null_resource.install-apache (remote-exec): (Reading database ... 25%

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null_resource.install-apache (remote-exec): (Reading database ... 60%

null_resource.install-apache (remote-exec): (Reading database ... 65%

null_resource.install-apache (remote-exec): (Reading database ... 70%

null_resource.install-apache (remote-exec): (Reading database ... 75%

null_resource.install-apache (remote-exec): (Reading database ... 80%

null_resource.install-apache (remote-exec): (Reading database ... 85%

null_resource.install-apache (remote-exec): (Reading database ... 90%

null_resource.install-apache (remote-exec): (Reading database ... 95%

null_resource.install-apache (remote-exec): (Reading database ... 100%

null_resource.install-apache (remote-exec): (Reading database ... 54185 files and directories currently installed.)

null_resource.install-apache (remote-exec): Preparing to unpack .../libapr1_1.5.2-3_amd64.deb ...

Progress: [1%] [#...............] xec):

null_resource.install-apache (remote-exec): Unpacking libapr1:amd64 (1.5.2-3) ...

Progress: [5%] [##..............] xec): Selecting previously unselected package libaprutil1:amd64.

null_resource.install-apache (remote-exec): Preparing to unpack .../libaprutil1_1.5.4-1build1_amd64.deb ...

Progress: [7%] [##...............] xec): Unpacking libaprutil1:amd64 (1.5.4-1build1) ...

Progress: [11%] [###..............] xec): Selecting previously unselected package libaprutil1-dbd-sqlite3:amd64.

null_resource.install-apache (remote-exec): Preparing to unpack .../libaprutil1-dbd-sqlite3_1.5.4-1build1_amd64.deb ...

Progress: [13%] [###..............] xec): Unpacking libaprutil1-dbd-sqlite3:amd64 (1.5.4-1build1) ...

Progress: [17%] [####.............] xec): Selecting previously unselected package libaprutil1-ldap:amd64.

null_resource.install-apache (remote-exec): Preparing to unpack .../libaprutil1-ldap_1.5.4-1build1_amd64.deb ...

Progress: [19%] [####.............] xec):

null_resource.install-apache (remote-exec): Unpacking libaprutil1-ldap:amd64 (1.5.4-1build1) ...

Progress: [23%] [#####............] xec): Selecting previously unselected package liblua5.1-0:amd64.

null_resource.install-apache (remote-exec): Preparing to unpack .../liblua5.1-0_5.1.5-8ubuntu1_amd64.deb ...

Progress: [25%] [#####............] xec): Unpacking liblua5.1-0:amd64 (5.1.5-8ubuntu1) ...

Progress: [29%] [######...........] xec): Selecting previously unselected package apache2-bin.

null_resource.install-apache (remote-exec): Preparing to unpack .../apache2-bin_2.4.18-2ubuntu3.17_amd64.deb ...

Progress: [31%] [######...........] xec): Unpacking apache2-bin (2.4.18-2ubuntu3.17) ...

Progress: [35%] [#######..........] xec): Selecting previously unselected package apache2-utils.

null_resource.install-apache (remote-exec): Preparing to unpack .../apache2-utils_2.4.18-2ubuntu3.17_amd64.deb ...

Progress: [37%] [#######..........] xec): Unpacking apache2-utils (2.4.18-2ubuntu3.17) ...

Progress: [41%] [########.........] xec): Selecting previously unselected package apache2-data.

null_resource.install-apache (remote-exec): Preparing to unpack .../apache2-data_2.4.18-2ubuntu3.17_all.deb ...

Progress: [43%] [########.........] xec): Unpacking apache2-data (2.4.18-2ubuntu3.17) ...

Progress: [47%] [#########........] xec): Selecting previously unselected package apache2.

null_resource.install-apache (remote-exec): Preparing to unpack .../apache2_2.4.18-2ubuntu3.17_amd64.deb ...

Progress: [49%] [#########........] xec): Unpacking apache2 (2.4.18-2ubuntu3.17) ...

Progress: [52%] [##########.......] xec): Selecting previously unselected package ssl-cert.

null_resource.install-apache (remote-exec): Preparing to unpack .../ssl-cert_1.0.37_all.deb ...

Progress: [54%] [##########.......] xec): Unpacking ssl-cert (1.0.37) ...

Progress: [58%] [###########......] xec): Processing triggers for libc-bin (2.23-0ubuntu11.3) ...

null_resource.install-apache (remote-exec): Processing triggers for man-db (2.7.5-1) ...

null_resource.install-apache: Still creating... [30s elapsed]

null_resource.install-apache: Still creating... [40s elapsed]

null_resource.install-apache (remote-exec): Processing triggers for ufw (0.35-0ubuntu2) ...

null_resource.install-apache (remote-exec): Processing triggers for ureadahead (0.100.0-19.1) ...

null_resource.install-apache (remote-exec): Processing triggers for systemd (229-4ubuntu21.31) ...

null_resource.install-apache (remote-exec): Setting up libapr1:amd64 (1.5.2-3) ...

Progress: [62%] [###########......] xec): Setting up libaprutil1:amd64 (1.5.4-1build1) ...

Progress: [66%] [###########.....] xec): Setting up libaprutil1-dbd-sqlite3:amd64 (1.5.4-1build1) ...

Progress: [70%] [############.....] xec): Setting up libaprutil1-ldap:amd64 (1.5.4-1build1) ...

Progress: [74%] [#############....] xec): Setting up liblua5.1-0:amd64 (5.1.5-8ubuntu1) ...

Progress: [78%] [##############...] xec): Setting up apache2-bin (2.4.18-2ubuntu3.17) ...

Progress: [82%] [##############...] xec): Setting up apache2-utils (2.4.18-2ubuntu3.17) ...

Progress: [86%] [###############..] xec): Setting up apache2-data (2.4.18-2ubuntu3.17) ...

Progress: [90%] [################.] xec): Setting up apache2 (2.4.18-2ubuntu3.17) ...

Progress: [92%] [################.] xec): Enabling module mpm_event.

null_resource.install-apache (remote-exec): Enabling module authz_core.

null_resource.install-apache (remote-exec): Enabling module authz_host.

null_resource.install-apache (remote-exec): Enabling module authn_core.

null_resource.install-apache (remote-exec): Enabling module auth_basic.

null_resource.install-apache (remote-exec): Enabling module access_compat.

null_resource.install-apache (remote-exec): Enabling module authn_file.

null_resource.install-apache (remote-exec): Enabling module authz_user.

null_resource.install-apache (remote-exec): Enabling module alias.

null_resource.install-apache (remote-exec): Enabling module dir.

null_resource.install-apache (remote-exec): Enabling module autoindex.

null_resource.install-apache (remote-exec): Enabling module env.

null_resource.install-apache (remote-exec): Enabling module mime.

null_resource.install-apache (remote-exec): Enabling module negotiation.

null_resource.install-apache (remote-exec): Enabling module setenvif.

null_resource.install-apache (remote-exec): Enabling module filter.

null_resource.install-apache (remote-exec): Enabling module deflate.

null_resource.install-apache (remote-exec): Enabling module status.

null_resource.install-apache (remote-exec): Enabling conf charset.

null_resource.install-apache (remote-exec): Enabling conf localized-error-pages.

null_resource.install-apache (remote-exec): Enabling conf other-vhosts-access-log.

null_resource.install-apache (remote-exec): Enabling conf security.

null_resource.install-apache (remote-exec): Enabling conf serve-cgi-bin.

null_resource.install-apache (remote-exec): Enabling site 000-default.

Progress: [94%] [################.] xec):

null_resource.install-apache (remote-exec): Setting up ssl-cert (1.0.37) ...

Progress: [96%] [################] xec):

null_resource.install-apache (remote-exec): sent invalidate(group) request, exiting

null_resource.install-apache (remote-exec): sent invalidate(passwd) request, exiting

null_resource.install-apache (remote-exec): sent invalidate(group) request, exiting

null_resource.install-apache (remote-exec): sent invalidate(group) request, exiting

null_resource.install-apache (remote-exec): sent invalidate(group) request, exiting

Progress: [98%] [################] xec): Processing triggers for libc-bin (2.23-0ubuntu11.3) ...

null_resource.install-apache (remote-exec): Processing triggers for ureadahead (0.100.0-19.1) ...

null_resource.install-apache (remote-exec): Processing triggers for systemd (229-4ubuntu21.31) ...

null_resource.install-apache (remote-exec): Processing triggers for ufw (0.35-0ubuntu2) ...

null_resource.install-apache: Still creating... [50s elapsed]

null_resource.install-apache: Creation complete after 51s [id=1660371246952251142]

Apply complete! Resources: 8 added, 0 changed, 0 destroyed.

>> TESTANDO IP da máquina virtual no UBUNTO

C:\WINDOWS\system32>ssh testadmin@20.211.103.11

The authenticity of host '20.211.103.11 (20.211.103.11)' can't be established.

ECDSA key fingerprint is SHA256:NPN5zp1SDC7mkG/aPTsJQT6ZhNq5vLQ1TRRcQj7SDgI.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added '20.211.103.11' (ECDSA) to the list of known hosts.

testadmin@20.211.103.11's password:

Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 4.15.0-1113-azure x86_64)

testadmin@hostname:~$ uname -ar

Linux hostname 4.15.0-1113-azure #126~16.04.1-Ubuntu SMP Tue Apr 13 16:55:24 UTC 2021 x86_64 x86_64 x86_64 GNU/Linux

testadmin@hostname:~$ apt update

Reading package lists... Done

W: chmod 0700 of directory /var/lib/apt/lists/partial failed - SetupAPTPartialDirectory (1: Operation not permitted)

E: Could not open lock file /var/lib/apt/lists/lock - open (13: Permission denied)

E: Unable to lock directory /var/lib/apt/lists/

W: Problem unlinking the file /var/cache/apt/pkgcache.bin - RemoveCaches (13: Permission denied)

W: Problem unlinking the file /var/cache/apt/srcpkgcache.bin - RemoveCaches (13: Permission denied)

testadmin@hostname:~$ sudo apt update

Hit:1 http://azure.archive.ubuntu.com/ubuntu xenial InRelease

Get:2 http://azure.archive.ubuntu.com/ubuntu xenial-updates InRelease [99.8 kB]

Get:3 http://azure.archive.ubuntu.com/ubuntu xenial-backports InRelease [97.4 kB]

Get:4 http://azure.archive.ubuntu.com/ubuntu xenial/universe amd64 Packages [7,532 kB]

Get:5 http://azure.archive.ubuntu.com/ubuntu xenial/universe Translation-en [4,354 kB]

Get:6 http://security.ubuntu.com/ubuntu xenial-security InRelease [99.8 kB]

Get:7 http://azure.archive.ubuntu.com/ubuntu xenial/multiverse amd64 Packages [144 kB]

Get:8 http://azure.archive.ubuntu.com/ubuntu xenial/multiverse Translation-en [106 kB]

Get:9 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 Packages [2,049 kB]

Get:10 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main Translation-en [461 kB]

Get:11 http://azure.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 Packages [1,219 kB]

Get:12 http://azure.archive.ubuntu.com/ubuntu xenial-updates/universe Translation-en [358 kB]

Get:13 http://azure.archive.ubuntu.com/ubuntu xenial-updates/multiverse amd64 Packages [22.6 kB]

Get:14 http://azure.archive.ubuntu.com/ubuntu xenial-updates/multiverse Translation-en [8,476 B]

Get:15 http://azure.archive.ubuntu.com/ubuntu xenial-backports/main amd64 Packages [9,812 B]

Get:16 http://azure.archive.ubuntu.com/ubuntu xenial-backports/main Translation-en [4,456 B]

Get:17 http://azure.archive.ubuntu.com/ubuntu xenial-backports/universe amd64 Packages [11.3 kB]

Get:18 http://azure.archive.ubuntu.com/ubuntu xenial-backports/universe Translation-en [4,476 B]

Get:19 https://esm.ubuntu.com/infra/ubuntu xenial-infra-security InRelease [7,515 B]

Get:20 http://security.ubuntu.com/ubuntu xenial-security/main Translation-en [360 kB]

Get:21 https://esm.ubuntu.com/infra/ubuntu xenial-infra-updates InRelease [7,475 B]

Get:22 https://esm.ubuntu.com/infra/ubuntu xenial-infra-security/main amd64 Packages [371 kB]

Get:23 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 Packages [785 kB]

Get:24 http://security.ubuntu.com/ubuntu xenial-security/universe Translation-en [225 kB]

Get:25 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 Packages [7,864 B]

Get:26 http://security.ubuntu.com/ubuntu xenial-security/multiverse Translation-en [2,672 B]

Fetched 18.3 MB in 3s (5,475 kB/s)

Reading package lists... Done

Building dependency tree

Reading state information... Done

1 package can be upgraded. Run 'apt list --upgradable' to see it.

testadmin@hostname:~$ apt install -y apache2

E: Could not open lock file /var/lib/dpkg/lock-frontend - open (13: Permission denied)

E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontend), are you root?

testadmin@hostname:~$ sudo apt install -y apache2

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following package was automatically installed and is no longer required:

 grub-pc-bin

Use 'sudo apt autoremove' to remove it.

The following additional packages will be installed:

 apache2-bin apache2-data apache2-utils libapr1 libaprutil1

 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.1-0 ssl-cert

Suggested packages:

 www-browser apache2-doc apache2-suexec-pristine | apache2-suexec-custom

 openssl-blacklist

The following NEW packages will be installed:

 apache2 apache2-bin apache2-data apache2-utils libapr1 libaprutil1

 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.1-0 ssl-cert

0 upgraded, 10 newly installed, 0 to remove and 1 not upgraded.

Need to get 1,559 kB of archives.

After this operation, 6,448 kB of additional disk space will be used.

Get:1 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 libapr1 amd64 1.5.2-3 [86.0 kB]

Get:2 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 libaprutil1 amd64 1.5.4-1build1 [77.1 kB]

Get:3 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 libaprutil1-dbd-sqlite3 amd64 1.5.4-1build1 [10.6 kB]

Get:4 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 libaprutil1-ldap amd64 1.5.4-1build1 [8,720 B]

Get:5 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 liblua5.1-0 amd64 5.1.5-8ubuntu1 [102 kB]

Get:6 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 apache2-bin amd64 2.4.18-2ubuntu3.17 [927 kB]

Get:7 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 apache2-utils amd64 2.4.18-2ubuntu3.17 [81.9 kB]

Get:8 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 apache2-data all 2.4.18-2ubuntu3.17 [162 kB]

Get:9 http://azure.archive.ubuntu.com/ubuntu xenial-updates/main amd64 apache2 amd64 2.4.18-2ubuntu3.17 [86.8 kB]

Get:10 http://azure.archive.ubuntu.com/ubuntu xenial/main amd64 ssl-cert all 1.0.37 [16.9 kB]

Fetched 1,559 kB in 0s (27.3 MB/s)

Preconfiguring packages ...

Selecting previously unselected package libapr1:amd64.

(Reading database ... 54185 files and directories currently installed.)

Preparing to unpack .../libapr1_1.5.2-3_amd64.deb ...

Unpacking libapr1:amd64 (1.5.2-3) ...

Selecting previously unselected package libaprutil1:amd64.

Preparing to unpack .../libaprutil1_1.5.4-1build1_amd64.deb ...

Unpacking libaprutil1:amd64 (1.5.4-1build1) ...

Selecting previously unselected package libaprutil1-dbd-sqlite3:amd64.

Preparing to unpack .../libaprutil1-dbd-sqlite3_1.5.4-1build1_amd64.deb ...

Unpacking libaprutil1-dbd-sqlite3:amd64 (1.5.4-1build1) ...

Selecting previously unselected package libaprutil1-ldap:amd64.

Preparing to unpack .../libaprutil1-ldap_1.5.4-1build1_amd64.deb ...

Unpacking libaprutil1-ldap:amd64 (1.5.4-1build1) ...

Selecting previously unselected package liblua5.1-0:amd64.

Preparing to unpack .../liblua5.1-0_5.1.5-8ubuntu1_amd64.deb ...

Unpacking liblua5.1-0:amd64 (5.1.5-8ubuntu1) ...

Selecting previously unselected package apache2-bin.

Preparing to unpack .../apache2-bin_2.4.18-2ubuntu3.17_amd64.deb ...

Unpacking apache2-bin (2.4.18-2ubuntu3.17) ...

Selecting previously unselected package apache2-utils.

Preparing to unpack .../apache2-utils_2.4.18-2ubuntu3.17_amd64.deb ...

Unpacking apache2-utils (2.4.18-2ubuntu3.17) ...

Selecting previously unselected package apache2-data.

Preparing to unpack .../apache2-data_2.4.18-2ubuntu3.17_all.deb ...

Unpacking apache2-data (2.4.18-2ubuntu3.17) ...

Selecting previously unselected package apache2.

Preparing to unpack .../apache2_2.4.18-2ubuntu3.17_amd64.deb ...

Unpacking apache2 (2.4.18-2ubuntu3.17) ...

Selecting previously unselected package ssl-cert.

Preparing to unpack .../ssl-cert_1.0.37_all.deb ...

Unpacking ssl-cert (1.0.37) ...

Processing triggers for libc-bin (2.23-0ubuntu11.3) ...

Processing triggers for man-db (2.7.5-1) ...

Processing triggers for ufw (0.35-0ubuntu2) ...

Processing triggers for ureadahead (0.100.0-19.1) ...

Processing triggers for systemd (229-4ubuntu21.31) ...

Setting up libapr1:amd64 (1.5.2-3) ...

Setting up libaprutil1:amd64 (1.5.4-1build1) ...

Setting up libaprutil1-dbd-sqlite3:amd64 (1.5.4-1build1) ...

Setting up libaprutil1-ldap:amd64 (1.5.4-1build1) ...

Setting up liblua5.1-0:amd64 (5.1.5-8ubuntu1) ...

Setting up apache2-bin (2.4.18-2ubuntu3.17) ...

Setting up apache2-utils (2.4.18-2ubuntu3.17) ...

Setting up apache2-data (2.4.18-2ubuntu3.17) ...

Setting up apache2 (2.4.18-2ubuntu3.17) ...

Enabling module mpm_event.

Enabling module authz_core.

Enabling module authz_host.

Enabling module authn_core.

Enabling module auth_basic.

Enabling module access_compat.

Enabling module authn_file.

Enabling module authz_user.

Enabling module alias.

Enabling module dir.

Enabling module autoindex.

Enabling module env.

Enabling module mime.

Enabling module negotiation.

Enabling module setenvif.

Enabling module filter.

Enabling module deflate.

Enabling module status.

Enabling conf charset.

Enabling conf localized-error-pages.

Enabling conf other-vhosts-access-log.

Enabling conf security.

Enabling conf serve-cgi-bin.

Enabling site 000-default.

Setting up ssl-cert (1.0.37) ...

sent invalidate(group) request, exiting

sent invalidate(passwd) request, exiting

sent invalidate(group) request, exiting

sent invalidate(group) request, exiting

sent invalidate(group) request, exiting

Processing triggers for libc-bin (2.23-0ubuntu11.3) ...

Processing triggers for ureadahead (0.100.0-19.1) ...

Processing triggers for systemd (229-4ubuntu21.31) ...

Processing triggers for ufw (0.35-0ubuntu2) ...

testadmin@hostname:~$ curl localhost

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

 <!--

   Modified from the Debian original for Ubuntu

   Last updated: 2014-03-19

   See: https://launchpad.net/bugs/1288690

 -->

 <head>

  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />

  <title>Apache2 Ubuntu Default Page: It works</title>

  <style type="text/css" media="screen">

 * {

  margin: 0px 0px 0px 0px;

  padding: 0px 0px 0px 0px;

 }

 body, html {

```css
    padding: 3px 3px 3px 3px;

    background-color: #D8DBE2;

    font-family: Verdana, sans-serif;
    font-size: 11pt;

    text-align: center;

}

div.main_page {

    position: relative;

    display: table;

    width: 800px;

    margin-bottom: 3px;

    margin-left: auto;

    margin-right: auto;

    padding: 0px 0px 0px 0px;

    border-width: 2px;

    border-color: #212738;

    border-style: solid;

    background-color: #FFFFFF;

    text-align: center;

}

div.page_header {

    height: 99px;

    width: 100%;

    background-color: #F5F6F7;

}

div.page_header span {

    margin: 15px 0px 0px 50px;

    font-size: 180%;

    font-weight: bold;

}

div.page_header img {

    margin: 3px 0px 0px 40px;

    border: 0px 0px 0px;

}
```

```css
div.table_of_contents {
  clear: left;
  min-width: 200px;
  margin: 3px 3px 3px 3px;
  background-color: #FFFFFF;
  text-align: left;
}
div.table_of_contents_item {
  clear: left;
  width: 100%;
  margin: 4px 0px 0px 0px;
  background-color: #FFFFFF;
  color: #000000;
  text-align: left;
}
div.table_of_contents_item a {
  margin: 6px 0px 0px 6px;
}
div.content_section {
  margin: 3px 3px 3px 3px;
  background-color: #FFFFFF;
  text-align: left;
}
div.content_section_text {
  padding: 4px 8px 4px 8px;
  color: #000000;
  font-size: 100%;
}
div.content_section_text pre {
  margin: 8px 0px 8px 0px;
  padding: 8px 8px 8px 8px;
  border-width: 1px;
  border-style: dotted;
  border-color: #000000;
```

```css
  background-color: #F5F6F7;

  font-style: italic;

}


div.content_section_text p {

  margin-bottom: 6px;

}

div.content_section_text ul, div.content_section_text li {

  padding: 4px 8px 4px 16px;

}

div.section_header {

  padding: 3px 6px 3px 6px;

  background-color: #8E9CB2;

  color: #FFFFFF;

  font-weight: bold;

  font-size: 112%;

  text-align: center;

}

div.section_header_red {

  background-color: #CD214F;

}

div.section_header_grey {

  background-color: #9F9386;

}

.floating_element {

  position: relative;

  float: left;

}

div.table_of_contents_item a,

div.content_section_text a {

  text-decoration: none;

  font-weight: bold;

}

div.table_of_contents_item a:link,
```

```css
div.table_of_contents_item a:visited,

div.table_of_contents_item a:active {

  color: #000000;

}

div.table_of_contents_item a:hover {

  background-color: #000000;

  color: #FFFFFF;

}

div.content_section_text a:link,

div.content_section_text a:visited,

 div.content_section_text a:active {

  background-color: #DCDFE6;

  color: #000000;

}

div.content_section_text a:hover {

  background-color: #000000;

  color: #DCDFE6;

}

div.validator {

}
  </style>
</head>
<body>
  <div class="main_page">
    <div class="page_header floating_element">
      <img src="/icons/ubuntu-logo.png" alt="Ubuntu Logo" class="floating_element"/>
      <span class="floating_element">
        Apache2 Ubuntu Default Page
      </span>
    </div>
<!--    <div class="table_of_contents floating_element">
      <div class="section_header section_header_grey">
        TABLE OF CONTENTS
      </div>
```

```
<div class="table_of_contents_item floating_element">

 <a href="#about">About</a>

</div>

<div class="table_of_contents_item floating_element">

 <a href="#changes">Changes</a>

</div>

<div class="table_of_contents_item floating_element">

 <a href="#scope">Scope</a>

</div>

<div class="table_of_contents_item floating_element">

 <a href="#files">Config files</a>

</div>

</div>

-->

<div class="content_section floating_element">

 <div class="section_header section_header_red">

  <div id="about"></div>

  It works!

 </div>

 <div class="content_section_text">

  <p>

      This is the default welcome page used to test the correct

      operation of the Apache2 server after installation on Ubuntu systems.

      It is based on the equivalent page on Debian, from which the Ubuntu Apache

      packaging is derived.

      If you can read this page, it means that the Apache HTTP server installed at

      this site is working properly. You should <b>replace this file</b> (located at

      <tt>/var/www/html/index.html</tt>) before continuing to operate your HTTP server.

  </p>

  <p>

      If you are a normal user of this web site and don't know what this page is

      about, this probably means that the site is currently unavailable due to

      maintenance.

      If the problem persists, please contact the site's administrator.
```

```
      </p>

    </div>

    <div class="section_header">

     <div id="changes"></div>

        Configuration Overview

    </div>

    <div class="content_section_text">

     <p>

        Ubuntu's Apache2 default configuration is different from the

        upstream default configuration, and split into several files optimized for

        interaction with Ubuntu tools. The configuration system is

        <b>fully documented in

        /usr/share/doc/apache2/README.Debian.gz</b>. Refer to this for the full

        documentation. Documentation for the web server itself can be          found by accessing the <a
href="/manual">manual</a> if the <tt>apache2-doc</tt>

        package was installed on this server.

     </p>

     <p>

        The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

     </p>

     <pre>
/etc/apache2/

|-- apache2.conf

|       `--  ports.conf

|-- mods-enabled

|       |-- *.load

|       `-- *.conf

|-- conf-enabled

|       `-- *.conf

|-- sites-enabled

|       `-- *.conf

    </pre>

    <ul>

            <li>
```

<tt>apache2.conf</tt> is the main configuration

file. It puts the pieces together by including all remaining configuration

files when starting up the web server.

<tt>ports.conf</tt> is always included from the

main configuration file. It is used to determine the listening ports for

incoming connections, and this file can be customized anytime.

Configuration files in the <tt>mods-enabled/</tt>,   <tt>conf-enabled/</tt> and <tt>sites-enabled/</tt> directories contain

particular configuration snippets which manage modules, global configuration

fragments, or virtual host configurations, respectively.

They are activated by symlinking available

configuration files from their respective

*-available/ counterparts. These should be managed   by using our helpers

<tt>

  a2enmod,

  a2dismod,

</tt>

<tt>

  a2ensite,

  a2dissite,

</tt>

and

<tt>

  a2enconf,

  a2disconf

</tt>. See their respective man pages for detailed information.


```
            <li>

                The binary is called apache2. Due to the use of

                environment variables, in the default configuration, apache2 needs to be

                started/stopped with <tt>/etc/init.d/apache2</tt> or <tt>apache2ctl</tt>.

                <b>Calling <tt>/usr/bin/apache2</tt> directly will not work</b> with the

                default configuration.

            </li>

    </ul>

</div>

<div class="section_header">

    <div id="docroot"></div>

        Document Roots

</div>

<div class="content_section_text">

    <p>

        By default, Ubuntu does not allow access through the web browser to

        <em>any</em> file apart of those located in <tt>/var/www</tt>,

        <a href="http://httpd.apache.org/docs/2.4/mod/mod_userdir.html">public_html</a>

        directories (when enabled) and <tt>/usr/share</tt> (for web

        applications). If your site is using a web document root

        located elsewhere (such as in <tt>/srv</tt>) you may need to whitelist your

        document root directory in <tt>/etc/apache2/apache2.conf</tt>.

    </p>

    <p>

        The default Ubuntu document root is <tt>/var/www/html</tt>. You

        can make your own virtual hosts under /var/www. This is different

        to previous releases which provides better security out of the box.

    </p>

</div>

<div class="section_header">

 <div id="bugs"></div>

        Reporting Problems

</div>

<div class="content_section_text">
```

```
        <p>

            Please use the <tt>ubuntu-bug</tt> tool to report bugs in the                Apache2 package with Ubuntu.
However, check <a

            href="https://bugs.launchpad.net/ubuntu/+source/apache2">existing

            bug reports</a> before reporting a new bug.

        </p>

        <p>

            Please report bugs specific to modules (such as PHP and others)

            to respective packages, not to the web server itself.

        </p>

      </div>

    </div>

  </div>

  <div class="validator">

  </div>

 </body>

</html>

testadmin@hostname:~$
```

😊 **Muito obrigada!** 😊