Título do Trabalho

<<Nome do Autor / Nº de Estudante>>  
Faculdade de Engenharia   
Universidade Católica de Angola  
<<Email do autor >>

*Abstract*— Um resumo muito conciso sobre o trabalho a ser apresentado. Esboçar os pontos chaves e importantes do trbalho.

Keywords — <<palavras chaves relacionadas ao trabalho>>

# Introdução

It is almost impossible, today, the existence of infrastructures and data center without the use of solutions/ techniques of virtualization. The ease of administrative flexibility that virtualization offers attracts all (and not only) high and medium-scale service providers, enabling more efficient exploitation of hardware resources, reduce CAPEX and OPEX and simplifies cooling solutions. Without being limited to data center structures, virtualization is applied in many aspects (e.g., operating systems, networks, hardware equipment, etc.), making it a ubiquitous technology.

# Conceitos

It is almost impossible, today, the existence of infrastructures and data center without the use of solutions/ techniques of virtualization. The ease of administrative flexibility that virtualization offers attracts all (and not only) high and medium-scale service providers, enabling more efficient exploitation of hardware resources, reduce CAPEX and OPEX and simplifies cooling solutions. Without being limited to data center structures, virtualization is applied in many aspects (e.g., operating systems, networks, hardware equipment, etc.), making it a ubiquitous technology. It is almost impossible, today, the existence of infrastructures and data center without the use of solutions/ techniques of virtualization. The ease of administrative flexibility that virtualization offers attracts all (and not only) high and medium-scale service providers, enabling more efficient exploitation of hardware resources, reduce CAPEX and OPEX and simplifies cooling solutions. Without being limited to data center structures, virtualization is applied in many aspects (e.g., operating systems, networks, hardware equipment, etc.), making it a ubiquitous technology.

##### Referências Bibliográficas

1. VMWare : <https://en.wikipedia.org/wiki/VMware>
2. VMWare history: <https://www.youtube.com/watch?v=wJMdeeE2iQ0>
3. NSX: <https://www.vmware.com/products/nsx.html>
4. vSphere Networking Concepts: https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.networking.doc/GUID-2B11DBB8-CB3C-4AFF-8885-EFEA0FC562F4.html
5. VMWare Network Basic Concepts: https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/virtual\_networking\_concepts.pdf.
6. vSphere : https://en.wikipedia.org/wiki/VMware\_vSphere
7. DvSwitches : https://www.pluralsight.com/blog/it-ops/virtual-networking-101-understanding-vmware-networking
8. VDS Design: https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/vsphere-distributed-switch-best-practices-white-paper.pdf
9. Network I/O Control: https://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.server\_configclassic.d