Sistemas Operacionais

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Introdução

- Um computador moderno consiste em:
  - Um ou mais processadores
  - Memória principal
  - Discos
  - Impressoras
  - Vários dispositivos de entrada/saída

- A gestão de todos estes componentes requer uma camada de software - o **Sistema Operacional**

Introdução

- Para dar apoio ao SO, alguns aspectos devem ser levados em consideração

Processos	Shell
Espaços de endereços	Memórias
Arquivos	Hardware de proteção
Entrada/saída	Discos
Proteção	Memória virtual

- No contexto atual, alguns desses aspectos já não são pensados em termos de computadores solitários

Utilização comum

- Sistemas Operacionais são a base de operação fundamental em termos de infraestrutura. Conectando aplicações e equipamento, existem várias áreas de aplicação:
  - Mainframes
  - Servidores
  - Distribuídos
  - Computadores pessoais
  - Portáteis
  - Incorporados (Embbeded)
  - Robótica

- Em algumas dessas aplicações, é possível ligar esses computadores para compartilhar recursos
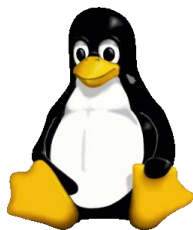
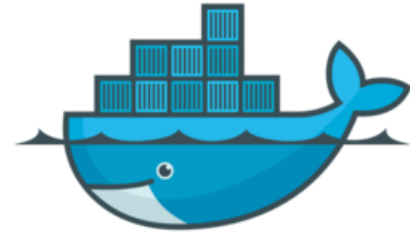# Situação no Mercado - Produtos

Mainframe

Uso pessoal

Portátil

Servidores, embarcados, distribuídos

Robótica

Situação no Mercado - Produtos

Situação no Mercado - Utilização

Situação no Mercado - Utilização

Situação no Mercado - Utilização

System Administrator (Re...   **Candidatura simplificada**   **Salvar**   ...
Penguin Formula · Lisboa, Lisb...
updated wiki to provide

Releases

- Create, review and update documentation
- Ensure timely and controlled deployments in productions
Qualifications

- English (fluent)
- Modern desktop administrator certifications MD-100, MD-101
- Experience on:
- Windows 10
- Active directory design and architecture review
- Exchange 2010-2013
- DFS
- SCCM
- WSUS
- Windows Server 2008/2012
- Microsoft 365
- Azure Cloud
- Intune/ endpoint manager
- Incident manager

Additional Information

System Administrator (Remote position, only for EU citizens)
Penguin Formula
Lisboa, Lisboa, Portugal (Remoto)
Há 2 dias · **4 candidaturas** · Candidatura simplificada

SYSADMIN LINUX / RED HAT (remoto Brasil)

iTRecruiter · Lisboa, Lisboa, Portugal (Remoto) há 1 mês · **17 candidaturas**

- Tempo integral
- 1-10 funcionários · Serviços de recursos humanos
- Veja como você se compara a 17 candidatos. Experimente o Premium grátis

Candidatar-se ⧉   **Salvar**

SYSADMIN / LINUX

Consultoria portuguesa contrata para trabalho remoto, com transferência para Portugal

SysAdmin

Linux

Certificado Red Hat

LPI

Diogo - CN

Casos de Uso

Significant enterprise savings

Sustainable open source at the lowest cost, everywhere.

Rethink what's possible with Linux and open source.

Companies engage Canonical to drive down open source operating costs. Automate everything: multi-cloud operations, bare metal provisioning, edge clusters and IoT.

- ✓ No mandatory subscriptions for Ubuntu
- ✓ Security, support and fully managed infra and apps
- ✓ Public cloud, data centre, edge cluster and appliances
- ✓ Long term maintenance commitment

- ✓ Transparent pricing for enterprise and ISV
- ✓ Switch from VMware to OpenStack
- ✓ TCO analysis of Open Infra
- ✓ 451 study on private/public cloud costs

Let's talk open source ›

Casos de Uso

Ubuntu Core in industrial applications

Bosch Rexroth reinvents automation

Bosch adopts Ubuntu Core and snaps for app-based ctrl-X industry 4.0 platform. ctrlX AUTOMATION leverages Ubuntu Core, designed for embedded devices, and snaps - the universal Linux application containers - to deliver an open source platform that removes the barriers between machine control, IT and OT.

Bosch Rexroth adopts Ubuntu Core and snaps ›

Rigado cuts customers' time to market with Ubuntu Core

In the fast-paced world of IoT, being able to reduce time-to-market is a priority. Rigado's core mission is to provide scalable and secure infrastructure for their customers' commercial IoT deployments.

Rigado cuts customers' time-to-market with Ubuntu Core and AWS ›

Casos de Uso

L'Oréal rapidly deploys Windows 11 Enterprise, enhancing productivity and security

October 12, 2022

For more than 100 years, L'Oréal has focused on providing the best beauty products on the planet for quality, efficacy, and safety. Delivering on that mission has made L'Oréal the largest cosmetics brand in the world, with an annual revenue of €29.8 billion. Maintaining that success requires constant investment in beauty tech such as AI-powered skin diagnostic tools and 3D-printed packaging. "We're always striving to change the future of beauty, which means going beyond products to improve experiences and services for our customers," says Guillaume Pires, Global Modern Workplace Director at L'Oréal. "With Windows 11 Enterprise, we can deliver a more secure environment to protect our innovations and support our employees with innovative experiences so they can do their best work."

Learn More

Windows 11 Enterprise
Microsoft Intune
Windows 11 2022 Update blog post

Hakutsuru Sake enhances hybrid work with Dynabook Windows 11 Pro devices

October 26, 2022

Hakutsuru Sake Brewing has been creating fine sakes in Nada, Japan, since 1743. Named for the graceful white crane, the company combines its traditional techniques and recipes with innovative technology to evolve its products, making it the number one exported sake. Hakutsuru recently upgraded to Dynabook laptops powered by Windows 11 Pro to better support its hybrid work environment and increase security for its global workforce.

Cenário

- Transição de uma equipe de Administradores de Sistemas local para nuvem, com certificação

- Equipe também é responsável pelo BD em SQL

- 2 analistas, sem custos locais além dos descritos (já tem disponível tudo que é necessário)

Cenário

Bandwidth for a current generation instance with less than 32 vCPUs is limited to 5 Gbps.

1000~5000 usuários simultâneos

400 USD - certificação

2000 BRL - viagem + acomodações

Cenário

- Treinamento
  - 2 certificações – 2 * 400 USD
  - 2 viagens para Belém – 2 * 2000 BRL

- Infraestrutura
  - Amazon EC2 (1 ano) - 1864,08 USD

- Total (Dolár em 5,38)

  - ((1864,08 + (2 * 400)) * 5,38) + 2 * 2000 = **18.332,75**