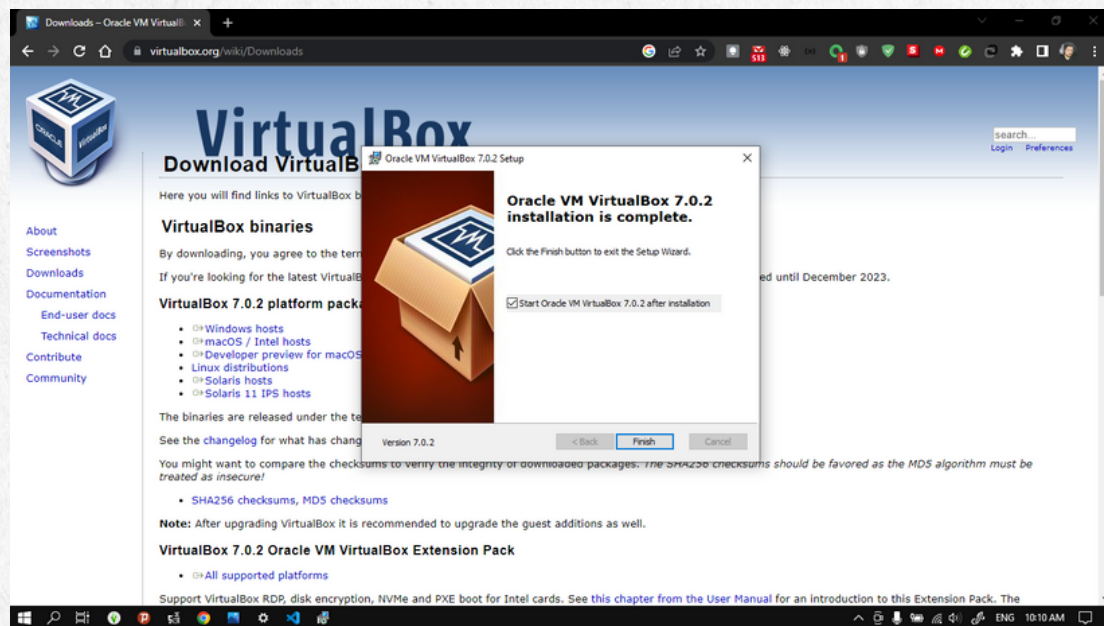


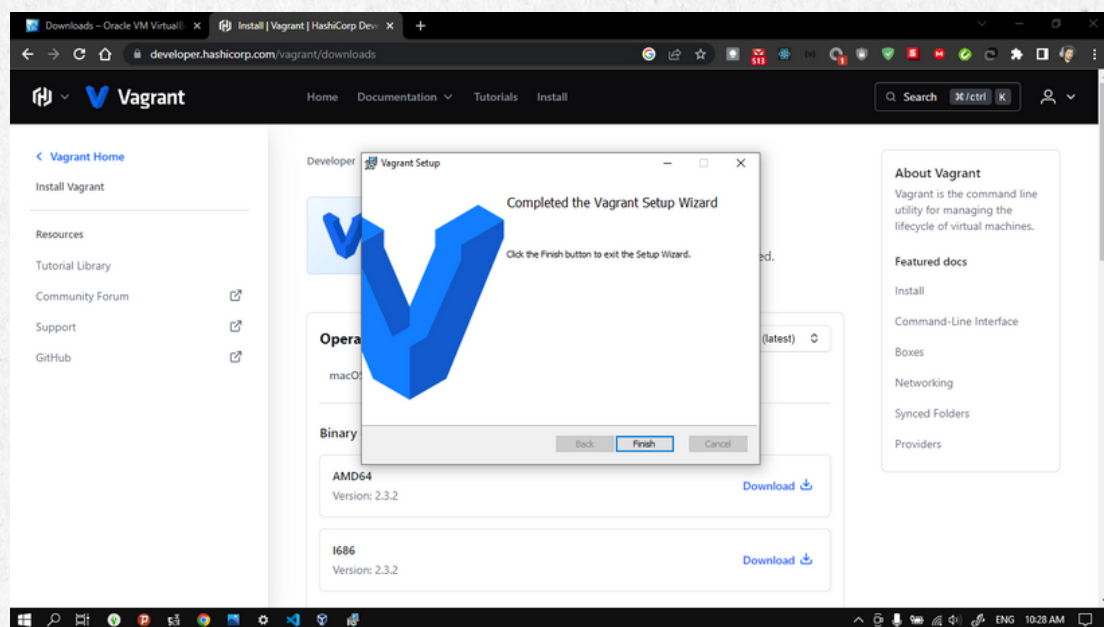
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VIRTUALBOX INSTALLATION



VAGRANT INSTALLATION



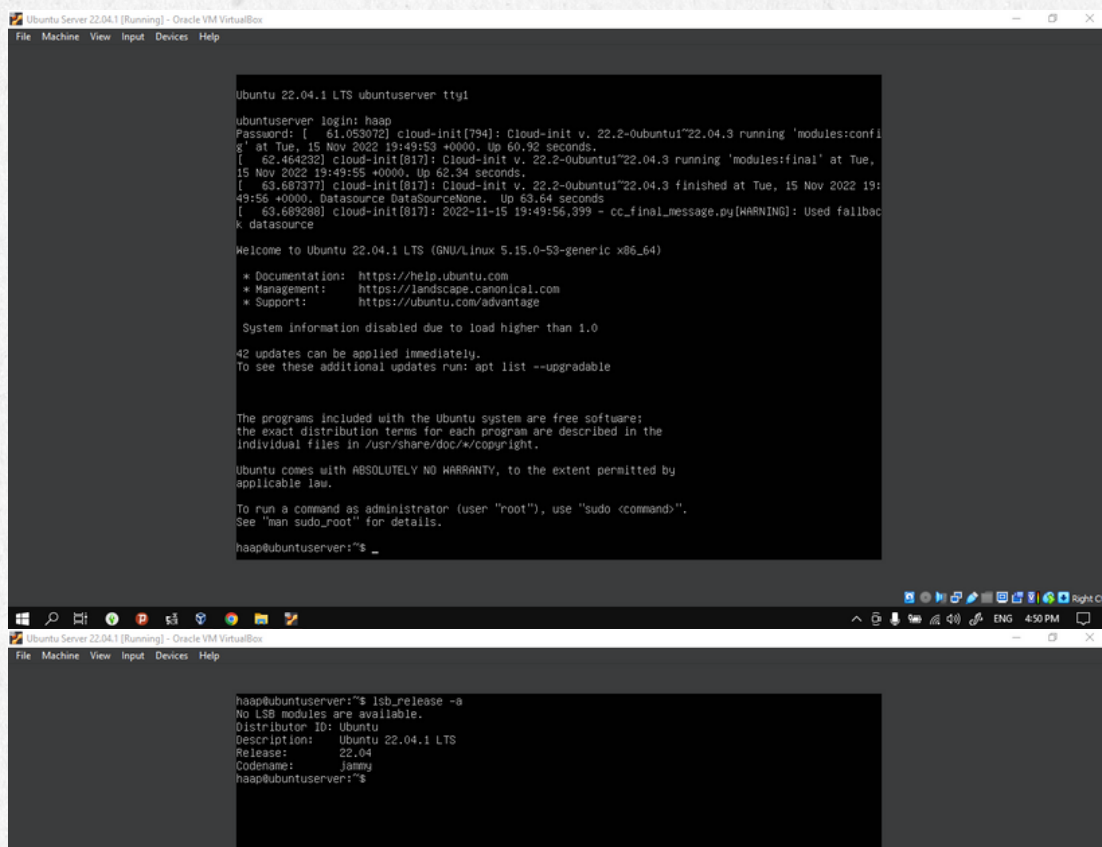
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FEDORA 35 VM SERVER



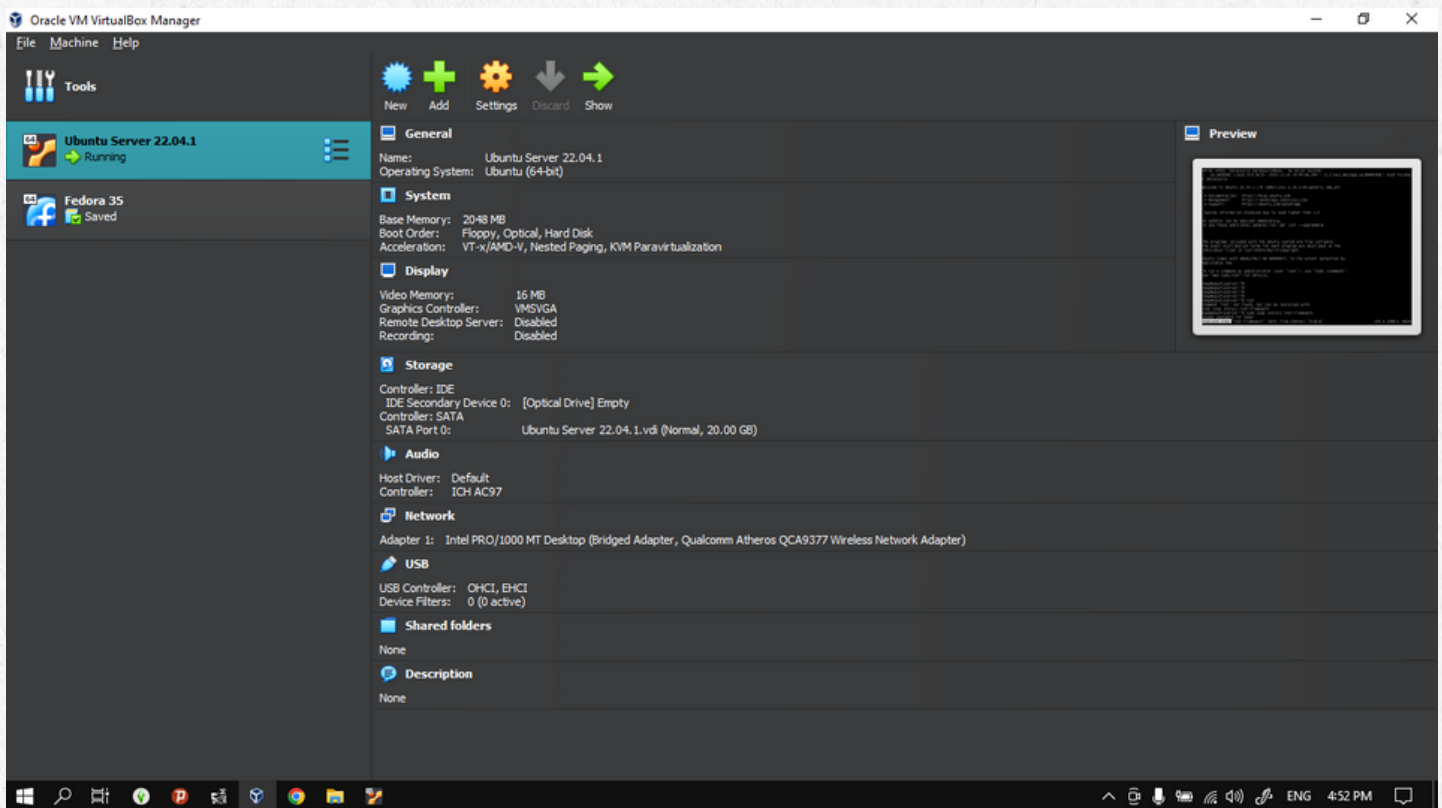
UBUNTU 20.04.1 LTS VM SERVER



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VIRTUALBOX SCREENSHOT



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SOFTWARE ARCHITECTURE

Software architecture is, simply, the organization of a system. This organization includes all components, how they interact with each other, the environment in which they operate, and the principles used to design the software. In many cases, it can also include the evolution of the software into the future.

Software architecture is designed with a specific mission or missions in mind. That mission has to be accomplished without hindering the missions of other tools or devices. The behavior and structure of the software impact significant decisions, so they need to be appropriately rendered and built for the best possible results.

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HOW IS SOFTWARE ARCHITECTURE RELATED TO ENTERPRISE ARCHITECTURE?

Enterprise architects look at the high-level strategy of the company. They may analyze the most efficient technology for a company to use or determine the best end-to-end tech strategies to use to meet the business's goals. Enterprise architects are concerned with how all the company's solutions interact and how they can be improved. They are concerned primarily with innovation, security, and optimization.

Software architects have a much more micro view than EAs. They define best practice standards and provide technical guidance and leadership for dev teams. They're responsible for the design and strategic planning of new products, including software planning, design code methodology, and hardware planning. Software architects are concerned primarily with deployment, compatibility, tech strategy, and support.

WHEN ENTERPRISE ARCHITECTS AND SOFTWARE ARCHITECTS WORK TOGETHER, THEY CAN DEVELOP AN ACCURATE VIEW OF THE ENTIRE IT LANDSCAPE AND HOW IT FITS INTO THE FUTURE NEEDS OF THE ENTERPRISE. THEN THEY CAN WORK TOGETHER TO BEGIN MINIMIZING WASTE AND OPTIMIZING RESOURCES TO MEET THE PRIORITIES OF THE BUSINESS.

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SOURCES OF INFORMATION

- <https://www.synopsys.com/glossary/what-is-software-architecture.html>
- <https://www.lucidchart.com/blog/enterprise-architect-vs-software-architect>
- https://www.youtube.com/watch?v=9TVc32M_gIY