ECAP470: Cloud Computing

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Learning Outcomes

After this lecture, you will be able to,

- learn about management of projects using cloud computing

- explore different project management cloud tools and solutions

Project Management

- Process of leading the work of a team to achieve all project goals within the given constraints. This information is usually described in project documentation, created at the beginning of the development process.
- Primary constraints are scope, time and budget.

Project Management

- Managing a large project can be an exhausting task.

- Even the smallest project has numerous pieces and parts, all of which have to be completed in a precise order and on an exacting timetable for the project to come in on time and on budget.

- If just one piece slips, the whole project goes out of whack.

Cloud-Based Project Management

- Such efforts can be made easier with the use of a web-based project management application.

- Project members can log in from any location to access the project's master file; they can add or delete tasks, mark tasks as complete, enter detailed billing information for individual tasks, and so forth.

Cloud-based Project Management

- Cloud-based project management software coordinates the planning, collaborating, monitoring, and delivering of a project.

- Allows project managers and teams to get work done using a network of tools available within the software, rather than using a plain old whiteboard and sticky notes.

Types of Project Management Software Implementation

- Cloud computing has presented options and advantages, project management software vendors offer their subscription-based products over the internet to businesses of all sizes.

- Opened the market to more providers offering a variety of systems.

Types of Project Management Software Implementation

- Web-based Project Management Software.

- On-premise Project Management Software.

Project Management Tools

- For almost any company, whether large or small, project management is necessary for getting—and remaining—organized.

Project Management Tools

- There are multiple project management tools available to help your business manage resources, project and control costs, communicate effectively with multiple team members, and track progress on any given project.

Project Management Tools – Offerings

- **Task Management**

- Team collaboration

- Support Documentation

- Email Integration

- Document Management

- Project Portfolio Management

- Mobile App

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Project Management Tools – Offerings

- **Third-party Integrations or API**

- Reporting

- Scheduling

- Time Management

- Visualizations

Project Management Tools – Offerings

- Third-party Integrations or API

- Reporting

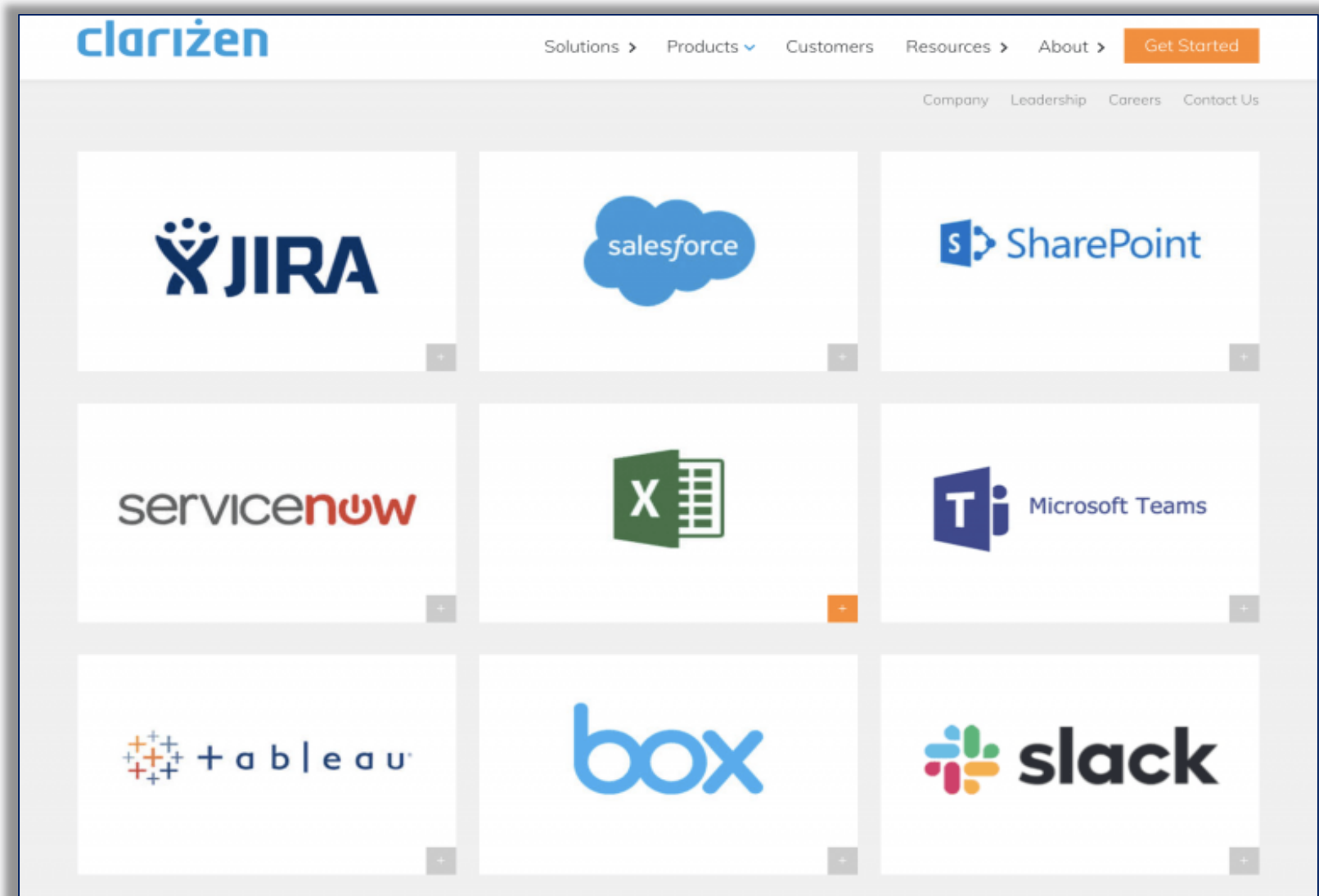- Scheduling

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Benefits of Project Management Tools in the Cloud

- **Lower Upfront Cost**

- More Secure than Ever

- Accessible from Anywhere

- Connected Team

- Increased Productivity

- Real-time Communication

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Benefits of Project Management Tools in the Cloud

- Up-to-date, Data-driven Decisions

- Simplified IT

- Instant Updates

- Low Maintenance Technology

Where Cloud PM Software Works

- While large corporations tend to stick to the more traditional installed PM software, cloud versions are being embraced by companies that lack million-dollar IT budgets.

Where Cloud PM Software Works

- Ideal for:

  – Startups and entrepreneurs.

  – Small and mid-sized businesses.

  – Virtual companies with geographically diverse teams.

  – Freelance project managers.

Steps for Finding Best Cloud-based Project Management Solution

| Conduct a Needs Analysis | Research, Research, Research | Take a Test Drive | Consider Timeline and Process For Implementation | Implement and Train |

Best Cloud-based Project Management Solutions

ProofHub

Wrike

Clarizen

Project Manager

Zoho Projects

Mavenlink

Jira

WorkflowMax

Caspio

Best Cloud-based Project Management Solutions

- Cloud-based PM software is ground-breaking with the power to fast-track any organization onto the path of success.

- In today's fast-changing business environment, cloud-based software is revolutionizing the traditional workplace.

That's all for now…