Cloud Native Technologies Landscape 👇  
  
Cloud native is rapidly being adopted as a key strategy for efficient software development and deployment.  
  
Each of these elements plays a pivotal role in enabling organizations to fully leverage the benefits of cloud-native technologies.  
  
𝟭. 𝗖𝗹𝗼𝘂𝗱 𝗣𝗿𝗼𝘃𝗶𝗱𝗲𝗿𝘀:  
They are the foundational platforms that host all cloud-native services.  
  
𝟮. 𝗢𝗿𝗰𝗵𝗲𝘀𝘁𝗿𝗮𝘁𝗶𝗼𝗻 & 𝗠𝗮𝗻𝗮𝗴𝗲𝗺𝗲𝗻𝘁:  
This system automates and manages the cloud resource lifecycle.  
  
𝟯. 𝗖𝗼𝗻𝘁𝗮𝗶𝗻𝗲𝗿𝘀:  
Containers encapsulate and isolate applications for flexible deployment.  
  
𝟰. 𝗠𝗶𝗰𝗿𝗼𝘀𝗲𝗿𝘃𝗶𝗰𝗲𝘀:  
These are independently deployable, smaller services within an application.  
  
𝟱. 𝗦𝗲𝗿𝘃𝗶𝗰𝗲 𝗠𝗲𝘀𝗵𝗲𝘀:  
They handle and orchestrate service-to-service communication within the cloud.  
  
𝟲. 𝗢𝗯𝘀𝗲𝗿𝘃𝗮𝗯𝗶𝗹𝗶𝘁𝘆 & 𝗠𝗼𝗻𝗶𝘁𝗼𝗿𝗶𝗻𝗴:  
This practice provides visibility into cloud applications and infrastructure health.  
  
𝟳. 𝗜𝗺𝗺𝘂𝘁𝗮𝗯𝗹𝗲 𝗜𝗻𝗳𝗿𝗮𝘀𝘁𝗿𝘂𝗰𝘁𝘂𝗿𝗲:  
Such infrastructure is fixed and unalterable once deployed, enhancing consistency.  
  
𝟴. 𝗜𝗻𝗳𝗿𝗮𝘀𝘁𝗿𝘂𝗰𝘁𝘂𝗿𝗲 𝗮𝘀 𝗖𝗼𝗱𝗲 (𝗜𝗮𝗖):  
IaC automates infrastructure provisioning and management through machine-readable files.  
  
𝟵. 𝗖𝗜/𝗖𝗗:  
CI/CD automates the application build, test, and deployment processes.  
  
𝟭𝟬. 𝗗𝗲𝗰𝗹𝗮𝗿𝗮𝘁𝗶𝘃𝗲 𝗔𝗣𝗜𝘀:  
These APIs define desired states of resources for automated setup and adjustment.  
  
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=============================  
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At [NeuVeu](https://www.linkedin.com/company/neuveu/) - We simplify Digital & Cloud Transformation  
  
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