Mind-mapping the Microservices Design Patterns.



When designing a Microservices-based solution or when transforming an existing monolithic application into a Microservices-based application, there are several questions to be answered, and Microservices Design Patterns are the answers to those questions.  
  
These are the questions one has to consider; and answer by using appropriate Microservices design patterns.  
  
1. How to decompose the application into microservices?  
2. What’s the database architecture in a microservices application?  
3. How do we maintain data consistency?  
4. How to deploy the services?  
5. How the clients access the microservices?  
6. How would the gateway find other services?  
7. How do the services communicate with each other?  
8. How to know what is happening within the services?  
9. How to know if the services are behaving well?  
10. How to make the services more resilient?  
11. How to make the services perform well & scale?  
12. How to keep services secure?  
  
The mind map captures the Microservices Design Patterns that answer the above questions and also the interrelationships between the patterns.