

A person wearing a purple and white checkered shirt is using a laptop. The background is a server room with rows of server racks.

000000 0000 0000000000 00000000 0000000000 0000 00000000 00000000 00 00000000 0000 000000 000000 00
 000 0000000000 000000 00000000 00000000000 00000000 0000 0000000000 000000 0000 00 .00000 00000000 00000000
 000000000 000000 000000000 .000000 000000 000000 00000000 Web Application Firewall 000000 (WFA) 00000000
 000000000000 0 0000000000 00 000000 0000 00 000000 00000000 0000000000 00 00000000 00 0000 000000 0000
 00 000000000 0000000000 0 00000 0000 0000 0000 0000000000 000000 000000 .000000 000000 000000000000
 000 00000000 0000 00000000 0000 00000000 0000000000 00 00000000 00 000000 0000 000000 000000 (IPS) 0000
 0000000000 0000 .00000000 00 0000000000 00 0000 00000000 00000000 00 00000000 0000 0000 00000000
 00 000000 000000 000000000000 0 000000000 000000000000 00000 00 (Next-Generation Firewall) 0000 0000 0000
 00000 000000000000 00000 0000000 00000 00 00000000 00000000 00 00000000 0 00000 000000 00 00000000 00000 0000
 0000 00000 0000000 000000 000000 00 00000 00 .000000 00000 00000 0000 00 000000000000 00 00000 00000
 000000 0000 00 000000 000000 0000 00 000000 00 00 0000 00000000 0000000000 0 000 000000 00000000 00
 00000000000 00000000 0 00000000 00000000 000000 00 00 0000 0000000000 00 00000000 00 000000 00000000
 00 000000000000 000000 0000 00000000 00 00000000 .00000000 000000 00 0000000000 00 00000000 000000
 .000000 00 00 00000000 00000000000 00000000000 00 0000 0 000000 0000000000 00 0000 00 0000 0000 0000000000 0000

□□ □□□ □□□□□□□□ □□ □□□□□□ □□□□

[illegible]

[illegible]

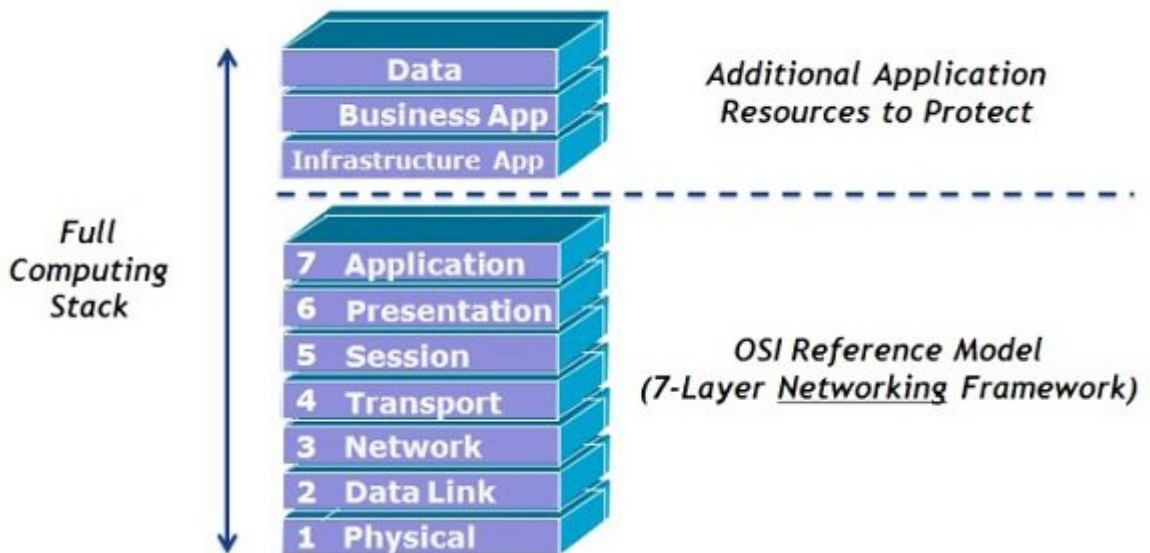
□□□□□□ □□ □□ □□□□□□□□ □□□□□□□□ □□□□

[illegible][illegible]

- [illegible]

[illegible]

۱. **طبقة التطبيقات (Application Layer):** هي الطبقة التي تتعامل مع البيانات على مستوى التطبيقات. فهي مسؤولة عن إنشاء وتنظيم البيانات التي سيتم إرسالها عبر الشبكة. تتضمن هذه الطبقة البروتوكولات التي تتحكم في كيفية نقل البيانات بين التطبيقات، مثل **SMTP** (للمراسلة الإلكترونية)، **FTP** (لنقل الملفات)، و**HTTP** (للمسحور).



1. **Application Layer (Layer 7):** This layer is responsible for the application-specific logic and data. It is the layer where the user interacts with the system. In the Full Computing Stack, this corresponds to the Data layer.

2. **Presentation Layer (Layer 6):** This layer is responsible for the presentation of data, including formatting and encryption. It is the layer where the data is presented to the user. In the Full Computing Stack, this corresponds to the Business App layer.

3. **Session Layer (Layer 5):** This layer is responsible for establishing and managing sessions between the user and the system. It is the layer where the user's session is established. In the Full Computing Stack, this corresponds to the Infrastructure App layer.

4. **Transport Layer (Layer 4):** This layer is responsible for the reliable transfer of data between the user and the system. It is the layer where the data is transferred. In the Full Computing Stack, this corresponds to the Data layer.

5. **Network Layer (Layer 3):** This layer is responsible for the routing of data between the user and the system. It is the layer where the data is routed. In the Full Computing Stack, this corresponds to the Data layer.

6. **Data Link Layer (Layer 2):** This layer is responsible for the reliable transfer of data between the user and the system. It is the layer where the data is transferred. In the Full Computing Stack, this corresponds to the Data layer.

7. **Physical Layer (Layer 1):** This layer is responsible for the physical transfer of data between the user and the system. It is the layer where the data is transferred. In the Full Computing Stack, this corresponds to the Data layer.

Application Layer (Layer 7)

The Application Layer (Layer 7) is the top layer of the OSI model. It is responsible for the application-specific logic and data. It is the layer where the user interacts with the system. In the Full Computing Stack, this corresponds to the Data layer.

The Application Layer is responsible for the application-specific logic and data. It is the layer where the user interacts with the system. In the Full Computing Stack, this corresponds to the Data layer.

The Application Layer is responsible for the application-specific logic and data. It is the layer where the user interacts with the system. In the Full Computing Stack, this corresponds to the Data layer.

Session Layer (Layer 5)

The Session Layer (Layer 5) is responsible for establishing and managing sessions between the user and the system. It is the layer where the user's session is established. In the Full Computing Stack, this corresponds to the Infrastructure App layer.

The Session Layer is responsible for establishing and managing sessions between the user and the system. It is the layer where the user's session is established. In the Full Computing Stack, this corresponds to the Infrastructure App layer.

The Session Layer is responsible for establishing and managing sessions between the user and the system. It is the layer where the user's session is established. In the Full Computing Stack, this corresponds to the Infrastructure App layer.

Application-Layer (Layer 7) is responsible for the application-specific logic and data.

The Application Layer is responsible for the application-specific logic and data. It is the layer where the user interacts with the system. In the Full Computing Stack, this corresponds to the Data layer.

The Application Layer is responsible for the application-specific logic and data. It is the layer where the user interacts with the system. In the Full Computing Stack, this corresponds to the Data layer.

The Application Layer is responsible for the application-specific logic and data. It is the layer where the user interacts with the system. In the Full Computing Stack, this corresponds to the Data layer.

80

TCP

[illegible]

API 调用 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权	
API 7-3 鉴权	7-3 鉴权	7-3 鉴权	4-3 鉴权	API 鉴权/鉴权
API 鉴权/鉴权	3 鉴权/鉴权	Transparent 鉴权	3 鉴权/鉴权	API 鉴权/鉴权
API 鉴权/鉴权	API 鉴权/鉴权	n/a	API 鉴权/鉴权	API 鉴权/鉴权
API 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权	n/a	API 鉴权/鉴权
Web-centric: HTTP(S),XML,SOAP,SPDY	API	API	API	API 鉴权/鉴权
API	API	API	API	API 鉴权/鉴权 (SSL)
API 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权 DDoS 鉴权/鉴权
API 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权	API 鉴权/鉴权

100 101

[illegible]

$\vdots$ $\square\square\square\square\square$
 $\square\square\square\square\square$ $\square\square\square\square\square$
 $\vdots$ $\square\square\square$

[citrix](#)

:□□□□ □□□□

[□□□□□](#)

:□□□□□□ □□□□□

13:35 - 15/04/1399

:□□□□□□

□□□□ □□□□□ - [Firewall](#)

□□□□□□

[https://www.shabakeh-mag.com/security/17034/%D8%A2%D8%B4%D9%86%D8%A7%DB%8C:](https://www.shabakeh-mag.com/security/17034/%D8%A2%D8%B4%D9%86%D8%A7%DB%8C:%D8%A8%D8%A7-%D8%AF%DB%8C%D9%88%D8%A7%D8%B1%D9%87%D8%A7%DB%8C-%D8%A2%D8%AA%D8%B4-%D9%88%D8%A8%E2%80%8C%D9%85%D8%AD%D9%88%D8%B1-web-application-firewall)□□□□

[%DB%8C-%D8%A8%D8%A7-](#)

[%D8%AF%DB%8C%D9%88%D8%A7%D8%B1%D9%87%D8%A7%DB%8C-](#)

[%D8%A2%D8%AA%D8%B4-%D9%88%D8%A8%E2%80%8C%D9%85%D8%AD%D9%88%D8%B1-](#)

[web-application-firewall](#)