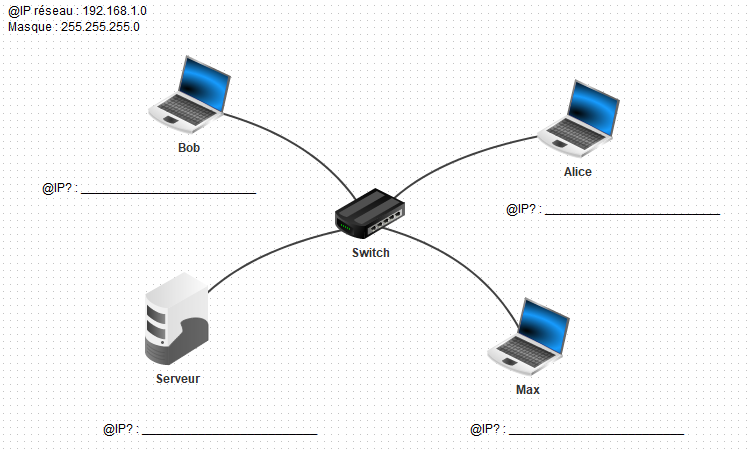
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| **Logo_Lycée** | **Architecture d'un réseau** | logo%20ac%20orl%E9ans%20toursDescription : Description : Description : pemDescription : Description : Description : pem |
| **TP1 Simulation** |



**Nom**:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Classe**:\_\_\_\_\_\_\_\_\_\_

**Prénom :** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Groupe** : \_\_\_\_\_

**Document réponse Date** \_\_\_\_\_\_\_\_\_\_

**Mots-clés** : adresse IP, adresse MAC, réseau, commutateur, protocole ARP, serveur et client HTTP, site Web, ligne de commande.

**Prérequis**: TP découverte réseau TCP/IP et adressage IPv4

***CONDITIONS DE DÉROULEMENT DE L’ACTIVITÉ***

|  |  |  |
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| ***Phases de travail*** | ***Objectifs*** | ***Activités*** |
| ***1)  Mise en situation*** | Présenter le logiciel Filius et la ligne de commande. | Lecture de la mise en situation. |
| ***2) Simulation*** | Créer un réseau de machines et le paramétrer pour qu'elles puissent communiquer entre-elles. | Dessin du réseau. Adressage IP. Installation et paramétrage de logiciels clients et serveurs HTTP. Simulation du fonctionnement du réseau. |
| ***3) Synthèse*** | Identifier les erreurs de paramétrage des machines d'un réseau et les corriger. | Adressage IP. |

**Page de présentation du tutoriel** https://bit.ly/3kMWxCt

**Ressources**

* **Logiciel** Filius <https://bit.ly/36Sr0c0>
* **Classes d'adresses**, adresses privées sur **inetdoc.net** <https://bit.ly/2sHvOlP>
* Table **ARP** sur **it-connect.fr** <https://bit.ly/2ZUpaVt>
* Protocole **ICMP** sur **frameip.com** <https://bit.ly/2T0CZjy>

**Appréciation**

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**DR1 : Découverte de Filius**

**Activité 1**

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**Activité 2**

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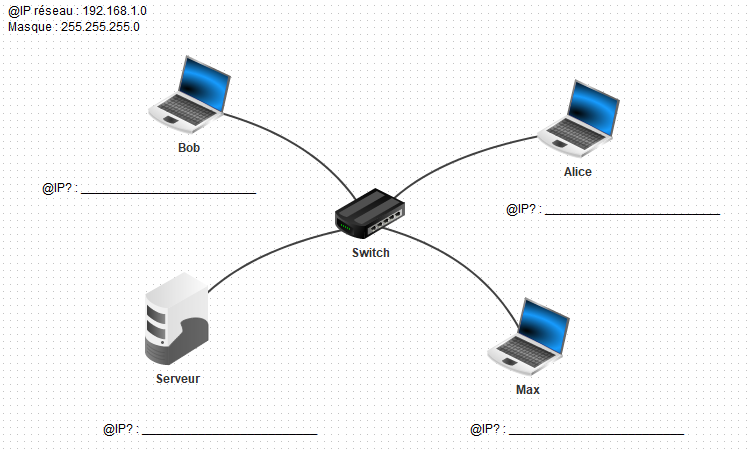
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**DR2 : Mise en réseau de deux clients et d'un serveur**

**Activité 3**



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*Page web par défaut installé sur ce serveur*

**Activité 4**

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**Activité 5**

Port n° : nom

**Faire vérifier l’activité avant de quitter la simulation !**

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| **MAC** | **Port** |
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Port n°\_\_ : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Port n°\_\_ : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Port n°\_\_ : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Port n°\_\_ : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Appel prof**

**Validation du travail Oui Partiel Non**

**Activité 6**

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**Activité 7**

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<https://www.mondomaine.com/contact>

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**Activité 8**

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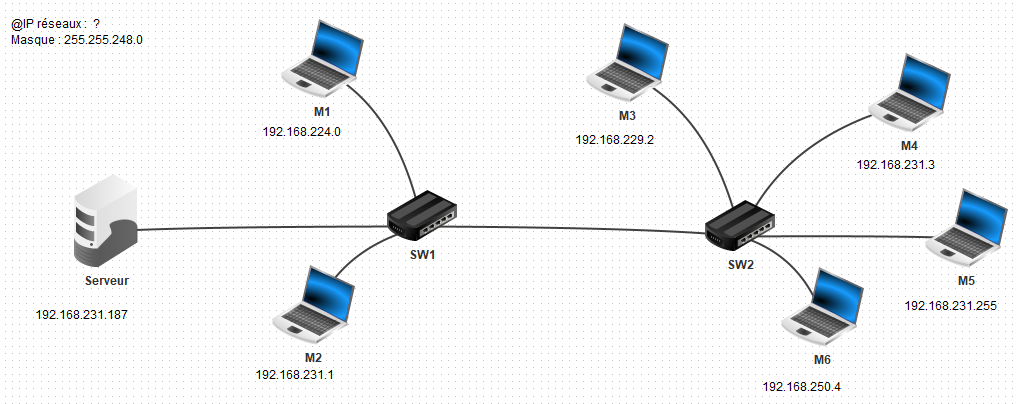
**Appel prof**

**Validation du travail Oui Partiel Non**

**DR3 : Synthèse**

**Activité 9**

Numérotez et rédigez vos réponses.

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