



Elastic Stack Overview

Search. Observe. Protect.



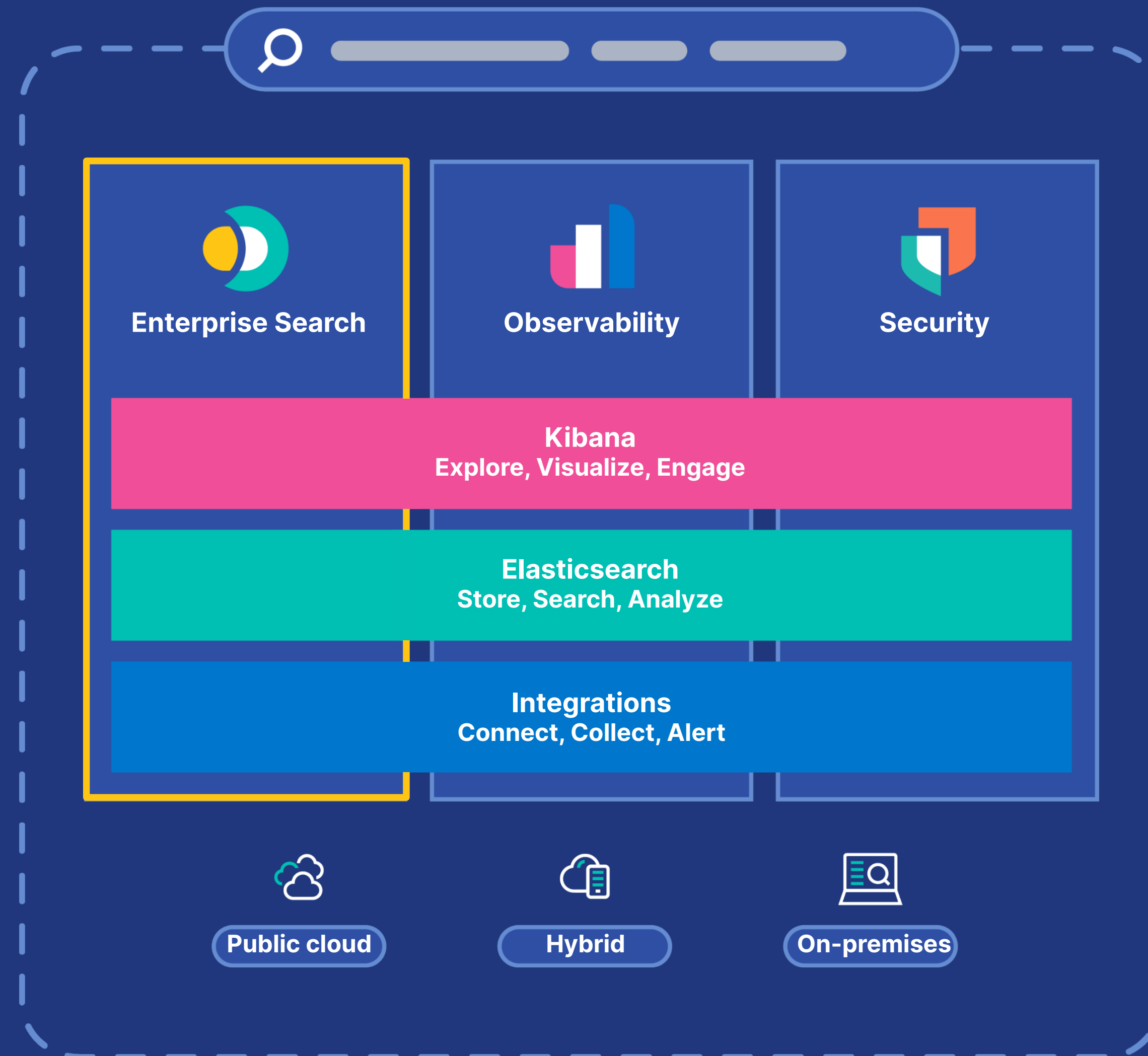
Who?

```
$ curl http://localhost:9200/speaker/_doc/dpilato
{
  "nom" : "David Pilato",
  "jobs" : [
    { "boite" : "SRA Europe (SSII)", "mission" : "bon à tout faire", "date" : "1995" },
    { "boite" : "SFR", "mission" : "touche à tout", "date" : "1997" },
    { "boite" : "e-Brands / Vivendi", "mission" : "chef de projets", "date" : "2000" },
    { "boite" : "DGDDI (douane)", "mission" : "mouton à 5 pattes", "date" : "2005" },
    { "boite" : "IDEO Technologies", "mission" : "CTO", "date" : "2012" },
    { "boite" : "elastic", "mission" : "développeur", "date" : "2013" } ],
  "passions" : [ "famille", "job", "deejay" ],
  "blog" : "http://david.pilato.fr/",
  "twitter" : [ "@dadoonet", "@elasticfr" ],
  "email" : "david@pilato.fr"
}
```

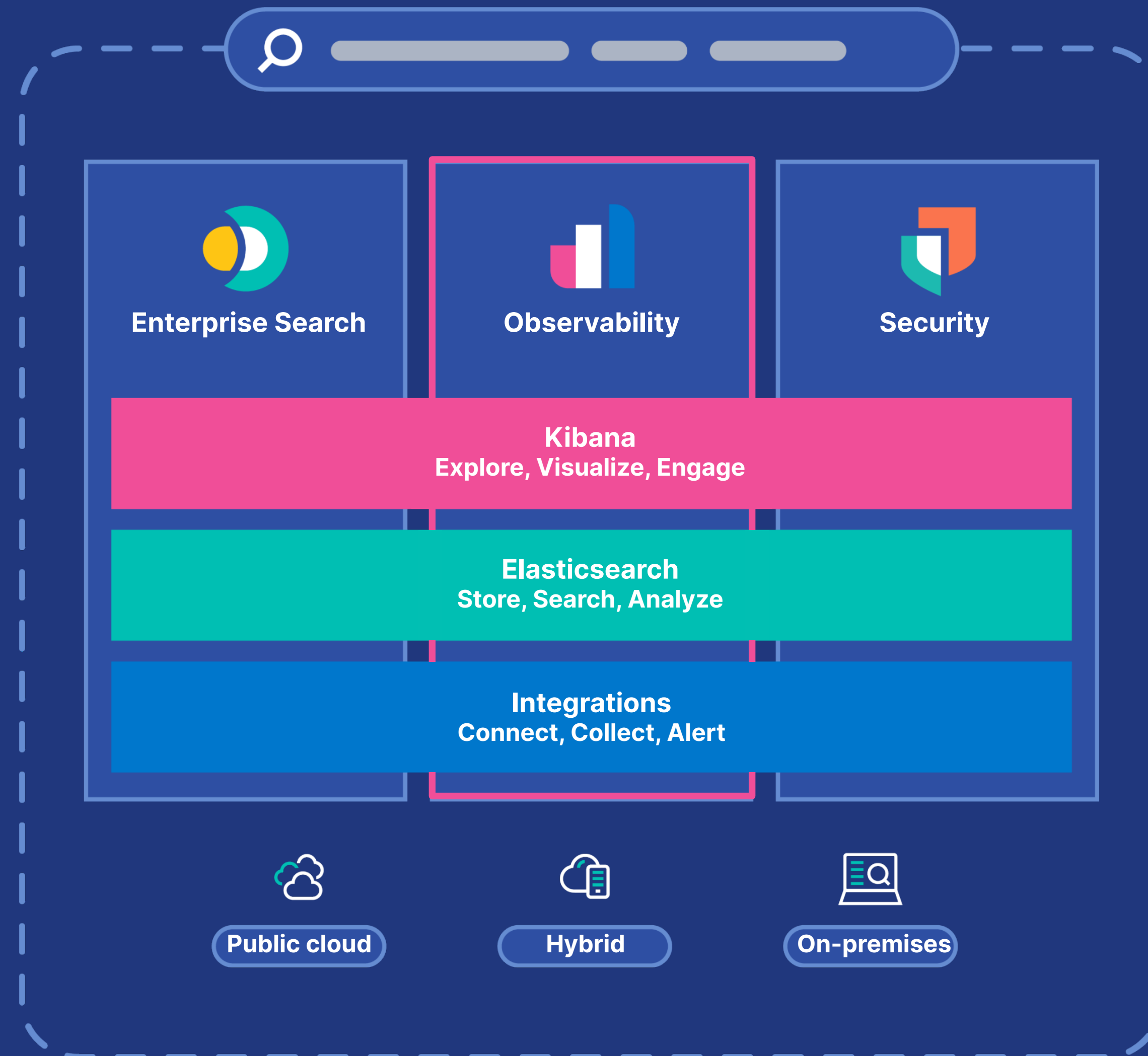
The Elastic Platform



Elastic Enterprise Search



Elastic Observability



Elastic Security



Tarifs d'Elastic

La meilleure façon d'utiliser les solutions Elastic est Elastic Cloud, un service géré de cloud public proposé par les principaux fournisseurs cloud. Si vous souhaitez gérer vos logiciels vous-même, sur un cloud public, privé ou hybride, vous pouvez télécharger la Suite Elastic.

Standard

Un excellent point de départ

Capacités :

- ✓ Principale fonctionnalité de sécurité de la Suite Elastic
- ✓ Fonctionnalités des solutions ⓘ Elastic Enterprise Search, Observability et Security
- ✓ Kibana Lens, Elastic Maps et Canvas
- ✓ Alerting et actions dans la suite
- ✓ Principales fonctionnalités gratuites et ouvertes ⓘ

SUPPORT TECHNIQUE

- ⊞ Support technique basé sur les tickets ouverts (seulement sur Elastic Cloud)

Gold

Un support technique dédié et des fonctionnalités optimisées

Tous les avantages de l'offre Standard, plus :

- ✓ Reporting
- ✓ Actions d>alerting tierces
- ✓ Watcher²

SUPPORT TECHNIQUE

- ⊞ Support technique aux heures ouvrées
- ⊞ Support technique basé sur les tickets ouverts
- ⊞ Accords de niveaux de service en fonction du temps de réponse du support technique

Platinum

Des fonctionnalités avancées et un support technique 24 h/24, 7 j/7

Tous les avantages de l'offre Gold, plus :

- ✓ Des fonctionnalités de sécurité avancées de la Suite Elastic
- ✓ Machine Learning
- ✓ Réplication inter-clusters

SUPPORT TECHNIQUE

- ⊞ Support technique 24 h/24, 7 j/7, 365 j par an
- ⊞ Support technique basé sur les tickets ouverts
- ⊞ Accords de niveaux de service améliorés en fonction du temps de réponse du support technique

Enterprise

Prise en charge des niveaux de données et protection des points de terminaison

Tous les avantages de l'offre Platinum, plus :

- ✓ Accès à Elastic Endgame
- ✓ Snapshots interrogeables
- ✓ Prise en charge des niveaux interrogeables "cold" (disponible) et "frozen" (bientôt disponible)
- ✓ Serveur Elastic Maps (version bêta)

SUPPORT TECHNIQUE

- ⊞ Support technique 24 h/24, 7 j/7, 365 j par an
- ⊞ Support technique basé sur les tickets ouverts
- ⊞ Accords de niveaux de service améliorés en fonction du temps de réponse du support technique

A typical search implementation...

```
CREATE TABLE user
(
  name VARCHAR(100),
  comments VARCHAR(1000)
);
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

David



Search on term

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');  
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at  
french customs service');  
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');  
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name="David";  
Empty set (0,00 sec)
```



Search like

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%David%";
```

name	comments
David Pilato	Developer at elastic
David Gageot	Engineer at Doctolib
David David	Who is that guy?

David

Q



Search for terms

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%David Pilato%";
```

name	comments
David Pilato	Developer at elastic

David Pilato



Search with inverted terms

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');  
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');  
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');  
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%Pilato David%";
```

Empty set (0,00 sec)

```
SELECT * FROM user WHERE name LIKE "%Pilato%David%";
```

Empty set (0,00 sec)



Search for terms

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%David%" AND
                                name LIKE "%Pilato%";
```

name	comments
David Pilato	Developer at elastic

Pilato David



Search in two fields

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%David%" OR
                                comments LIKE "%David%";
```

name	comments
David Pilato	Developer at elastic
Malloum Laya	Worked with David at french customs service
David Gageot	Engineer at Doctolib
David David	Who is that guy?





Search with typos

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');  
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at  
french customs service');  
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');  
INSERT INTO user VALUES ('David David', 'Who is that guy?');
```

```
SELECT * FROM user WHERE name LIKE "%Dadid%";  
Empty set (0,00 sec)
```



Search with typos

```
INSERT INTO user VALUES ('David Pilato', 'Developer at elastic');
INSERT INTO user VALUES ('Malloum Laya', 'Worked with David at french customs service');
INSERT INTO user VALUES ('David Gageot', 'Engineer at Doctolib');
INSERT INTO user VALUES ('David David', 'Who is that guy?');
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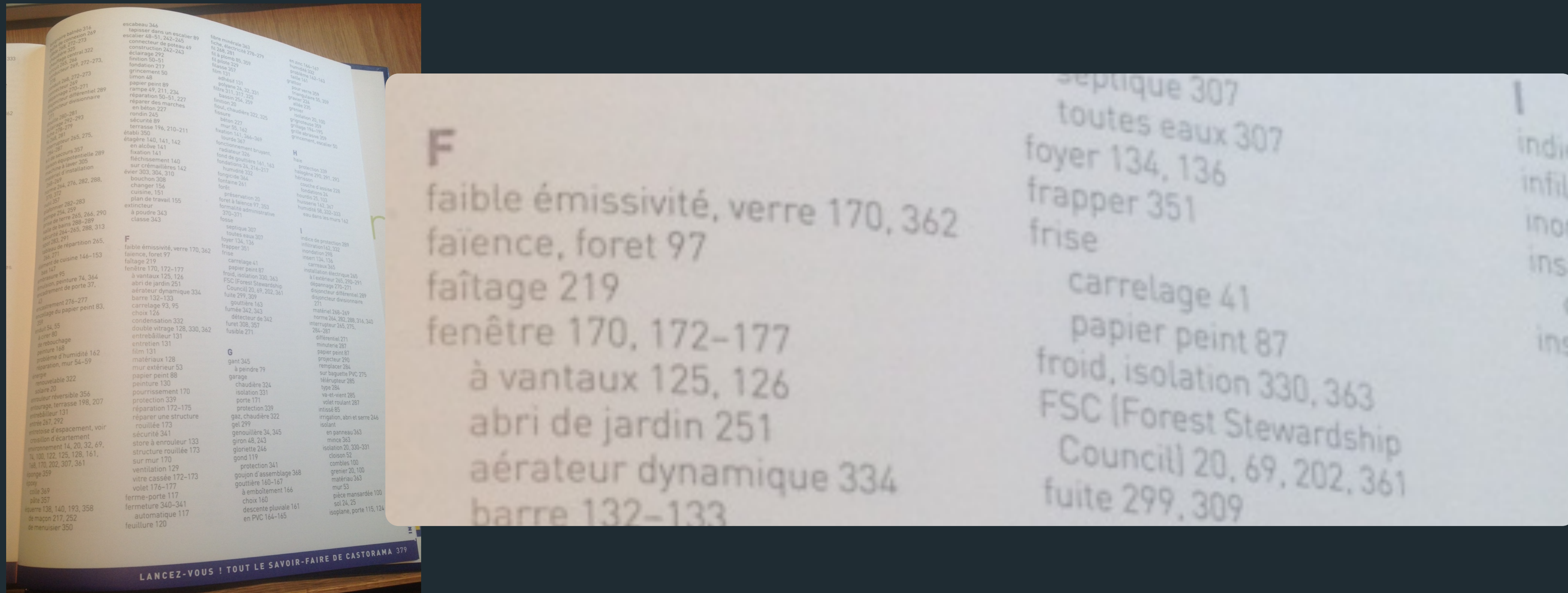
```
SELECT * FROM user WHERE name LIKE "%_adid%" OR
                           name LIKE "%D_did%" OR
                           name LIKE "%Da_id%" OR
                           name LIKE "%Dad_d%" OR
                           name LIKE "%Dadi_%";
```

name	comments
David Pilato	Developer at elastic
David Gageot	Engineer at Doctolib
David David	Who is that guy?



Search engine?

Moteur d'indexation de documents



Moteur de recherche dans les index

En action !

